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Recent References:
January 1, 2005 to March 31, 2005

David F. Winchell
National Nuclear Data Center, Brookhaven National Laboratory

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Energy Sciences & Technology Department
National Nuclear Data Center

Brookhaven National Laboratory
P.O. Box 5000
Upton, NY 11973-5000
www.bnl.gov

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This document lists experimental references added to Nuclear Science References (NSR) during the period January 1, 2005 to March 31, 2005. The first section lists keynumbers and keywords sorted by mass and nuclide. The second section lists all references, ordered by keynumber.

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Contents

Keynumbers and Keywords

A=1

^{1}n	2004GO56	NUCLEAR REACTIONS ^{3}H(α, dα), E=67.2 MeV; measured Ed, Eα, dα-coin, $\sigma(\theta)$. ^{6}Li deduced levels, widths. JOUR UKPJA 49 16
	2004NI18	NUCLEAR REACTIONS ^{3}He(γ, 2p), E=0.35-1.55 GeV; measured Ep, pp-coin, σ, σ(E, θ); deduced reaction mechanism features. Tagged photons. JOUR PRVCA 70 064003
	2004ZH42	NUCLEAR REACTIONS ^{3}He(polarized e, e), E=1.2 GeV; ^{3}He(polarized e, e'X), E=5.7 GeV; measured asymmetries. ^{1}n deduced spin asymmetries, polarized structure functions. Polarized target. JOUR PRVCA 70 065207
	2005AB01	NUCLEAR REACTIONS ^{1}H(p, pπ^{+}), (p, π^{+}), E=951 MeV; measured missing mass spectra, σ; deduced D-state effects. JOUR PYLBB 610 31
	2005AH01	NUCLEAR REACTIONS ^{1}H(γ, $\pi^{+}\gamma$), E=537-817 MeV; measured Eγ, En, (pion)nγ-coin, $\sigma(\theta)$; deduced pion polarizabilities. Tagged photon beam, comparison with model predictions. JOUR ZAANE 23 113
	2005DI03	NUCLEAR REACTIONS ^{1,2}H(polarized e^{+}, e^{+}'X), E=27.6 GeV; ^{1}H(polarized e^{+}, e$^{+}\pi^{+}$), E=27.6 GeV; measured σ, polarization observables. ^{1}n, ^{1}H deduced spin structure features. Polarized targets. JOUR ZAANE 24 s01 23
	2005GL03	NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=660, 855, 883 MeV; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. JOUR ZAANE 24 101
	2005PEZZ	NUCLEAR REACTIONS ^{2}H(p, 2p), E=6 MeV; measured Ep, pp-coin. ^{1}H(p, p), E=0.3-0.8 MeV; deduced σ, Coulomb interaction effects. Trojan horse method. CONF Riken(Origin of Matter) Proc,P513,Pellegriti
	2005RO02	NUCLEAR REACTIONS ^{2}H(γ, p), E=0.5-3 GeV; measured Ep, $\sigma(\theta)$; deduced scaling features. JOUR PRLTA 94 012301
	2005SE01	RADIOACTIVITY ^{1}n(β^{-}); measured $T_{1/2}$. Ultracold neutrons, comparison with previous results, model predictions. JOUR PYLBB 605 72
	2005TUZZ	NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino
	2005YA05	NUCLEAR REACTIONS ^{2}H(polarized p, 2p), E=0.5, 0.8 GeV; measured Ay(θ). Comparison with model predictions. JOUR PRLTA 94 072304
^{1}H	2004BEZP	NUCLEAR REACTIONS ^{1}H(^{22}O, p), (^{22}O, ^{22}O'), E $\approx$ 47 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter. MUST detector array. REPT IPNO-T-04-17,Becheva
	2004SHZZ	NUCLEAR REACTIONS ^{1}H(polarized n, n), E=1.39, 1.69, 1.89, 1.99 GeV; measured σ, polarization, longitudinal cross-section difference. REPT JINR-E1-2004-87,Sharov

A=1 ***(continued)***

2005AL01 NUCLEAR REACTIONS ^{1}H(p, p), E=0.45-2.5 GeV; measured analyzing powers vs energy, angle. Polarized target, comparisons with previous results. JOUR ZAANE 23 351

2005BA11 NUCLEAR REACTIONS ^{1}H(^{16}O, α^{12}C), E at 3.25 GeV / c / nucleon; measured recoil proton spectra, angular distributions, charged fragment spectra; deduced reaction mechanism features. JOUR UKPJA 50 16

2005BA25 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=569.31, 855.15 MeV; measured transverse spin asymmetry; deduced resonance contributions. JOUR ZAANE 24 s02 35

2005BE12 NUCLEAR REACTIONS ^{3}He(e, e'np), E=high; measured proton spectra, missing energy, σ(E, θ). ^{3}He deduced proton effective momentum density. JOUR PRLTA 94 082305

2005DI03 NUCLEAR REACTIONS ^{1,2}H(polarized e^+, e^+'X), E=27.6 GeV; ^{1}H(polarized e^+, $e^+\pi^+$), E=27.6 GeV; measured σ, polarization observables. ^{1}n, ^{1}H deduced spin structure features. Polarized targets. JOUR ZAANE 24 s01 23

2005ER01 NUCLEAR REACTIONS ^{2}H(π^-, $2\pi^-$), E=430 MeV; measured pion and proton spectra, σ, $\sigma(\theta)$. ^{1}n(π^-, $2\pi^-$), E=430 MeV; deduced σ. Comparisons with model predictions. JOUR ZAANE 23 345

2005GL03 NUCLEAR REACTIONS ^{2}H(polarized e, e'n), E=660, 855, 883 MeV; measured asymmetry, polarization transfer. ^{1}n deduced electric form factor. JOUR ZAANE 24 101

2005JO02 NUCLEAR REACTIONS ^{1}H(n, n), E=96 MeV; measured $\sigma(\theta)$. Comparison with model predictions. JOUR PRVCA 71 024002

2005KI03 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=3 GeV; measured spin asymmetries. JOUR ZAANE 24 s02 39

2005MA13 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=569.31, 855.15 MeV; measured transverse spin asymmetry; deduced intermediate states contributions. Comparison with model predictions. JOUR PRLTA 94 082001

2005MA19 NUCLEAR REACTIONS ^{1}H(polarized e, e), E=570.4, 854.3 MeV; measured parity violating asymmetry. JOUR ZAANE 24 s02 47

2005OKZZ NUCLEAR REACTIONS ^{1}H(p, p), E=100 GeV; measured recoil proton spectra, analyzing power. Polarized target. PREPRINT nucl-ex/0502022,2/25/2005

2005PEZZ NUCLEAR REACTIONS ^{2}H(p, 2p), E=6 MeV; measured Ep, pp-coin. ^{1}H(p, p), E=0.3-0.8 MeV; deduced σ, Coulomb interaction effects. Trojan horse method. CONF Riken(Origin of Matter) Proc,P513,Pellegriti

2005SA06 NUCLEAR REACTIONS ^{1}H(n, n), E=194 MeV; measured $\sigma(\theta)$. Tagged beam, comparisons with previous results and model predictions. JOUR PRLTA 94 082303

2005SE01 RADIOACTIVITY ^{1}n(β^-); measured $T_{1/2}$. Ultracold neutrons, comparison with previous results, model predictions. JOUR PYLBB 605 72

2005SE04 NUCLEAR REACTIONS ^{1}H(e, e), E=1.9-4.7 GeV; measured recoil proton spectra; deduced electromagnetic form factors. Comparison with spin-transfer measurements. JOUR ZAANE 24 s01 55

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	2005SP01	NUCLEAR REACTIONS ^{1}H(e, e'π^0), E=950 MeV; measured Ep, $\sigma(\theta)$. ^{1}H deduced quadrupole to dipole amplitude ratios. JOUR PRLTA 94 022003
	2005SP02	NUCLEAR REACTIONS ^{1}H(polarized e, e), E=200 MeV; ^{2}H(polarized e, e), E=125, 200 MeV; measured asymmetries; deduced form factors. JOUR ZAANE 24 s02 51
	2005WU02	NUCLEAR REACTIONS ^{1}H(γ, $\pi^+\pi^-$), E=0.5-2.6 GeV; measured total σ, σ(E, θ); deduced ρ^0-meson and Δ-baryon contributions. Tagged photons. JOUR ZAANE 23 317

A=2

^{2}n	2005AM05	NUCLEAR REACTIONS ^{1}H(p-bar, ee$^+$), E(cm) $\approx$ 3600 MeV; measured ψ(2S) production associated invariant mass spectra, $\sigma(\theta)$; deduced helicity amplitude ratio. JOUR PYLBB 610 177
^{2}H	2004AZZX	NUCLEAR REACTIONS ^{9}Be(d, pX), E at 5 GeV / c; measured tensor analyzing power. ^{2}H deduced wave function features. REPT JINR-P1-2004-118,Azhgirey
	2004BUZY	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=19.0 MeV; measured Ay(θ). Comparison with model predictions. REPT TUNL-XLIII,P20,Buck
	2004FOZZ	NUCLEAR REACTIONS ^{2}H(polarized n, n), E=1.18, 5.0, 6.88, 19 MeV; measured polarization, longitudinal cross-section difference. Polarized target. REPT TUNL-XLIII,P18,Foster
	2005AB01	NUCLEAR REACTIONS ^{1}H(p, pπ^+), (p, π^+), E=951 MeV; measured missing mass spectra, σ; deduced D-state effects. JOUR PYLBB 610 31
	2005JE01	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{9}Li), (^{9}Li, np), (^{9}Li, nX), (^{9}Li, pX), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{2}H(^{9}Li, αX), (^{9}Li, ^{6}HeX), E=2.36 MeV / nucleon; measured particle spectra. Post-accelerated radioactive beam. JOUR NUPAB 748 374
	2005SA12	NUCLEAR REACTIONS ^{3}He(e, e'p), E=4.8 GeV; measured σ(E, θ), asymmetries. ^{3}He deduced bound state momentum distributions. Comparisons with model predictions. JOUR ZAANE 24 s01 81
	2005SP02	NUCLEAR REACTIONS ^{1}H(polarized e, e), E=200 MeV; ^{2}H(polarized e, e), E=125, 200 MeV; measured asymmetries; deduced form factors. JOUR ZAANE 24 s02 51

A=3

^{3}H	2004MIZR	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{23}F deduced levels, transitions. REPT CNS-REP-64,P269,Michimasa
^{3}He	2004CRZZ	NUCLEAR REACTIONS ^{3}He(polarized n, n), E=4.02, 5.54 MeV; measured Ay(θ). REPT TUNL-XLIII,P23,Crowe

A=3 *(continued)*

	2004ZH42	NUCLEAR REACTIONS ^{3}He(polarized e, e), E=1.2 GeV; ^{3}He(polarized e, e'X), E=5.7 GeV; measured asymmetries. ^{1}n deduced spin asymmetries, polarized structure functions. Polarized target. JOUR PRVCA 70 065207
	2005BE12	NUCLEAR REACTIONS ^{3}He(e, e'np), E=high; measured proton spectra, missing energy, σ(E, θ). ^{3}He deduced proton effective momentum density. JOUR PRLTA 94 082305
	2005CE02	NUCLEAR REACTIONS ^{3}H(p, n), E=1.2-2.3 MeV; measured neutron spectra. JOUR NIMAE 540 430
	2005HA07	NUCLEAR REACTIONS ^{2}H(d, n), E not given; measured En. Laser-generated plasma neutron source. JOUR NIMAE 540 464
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005ME03	NUCLEAR REACTIONS ^{3}He(polarized e, e'X), E=0.862-5.058 GeV; measured polarized σ; deduced sum rule features. ^{3}He deduced spin structure functions. Polarized target. JOUR ZAANE 24 s01 153
	2005MEZZ	NUCLEAR REACTIONS ^{1}H(polarized d, γ), E=55, 66.5, 90 MeV / nucleon; measured Eγ, (particle)γ-coin, vector and tensor analyzing powers. Comparison with model predictions. PREPRINT nucl-ex/0501012,1/17/2005
	2005SA12	NUCLEAR REACTIONS ^{3}He(e, e'p), E=4.8 GeV; measured σ(E, θ), asymmetries. ^{3}He deduced bound state momentum distributions. Comparisons with model predictions. JOUR ZAANE 24 s01 81
	2005TUZZ	NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino

A=4

^{4}He	2004SA61	NUCLEAR REACTIONS ^{2}H(polarized d, γ), E<115 keV; measured Eγ, Iγ, $\sigma(\theta)$, Ay(θ), $T_{20}(\theta)$; deduced transition matrix elements. Comparison with resonating group model predictions. JOUR PRVCA 70 064601
	2005BR04	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) $\approx$ 10-1000 keV; ^{14}N(p, γ), E $\approx$0.1-2.5 MeV; measured astrophysical S-factors. JOUR NPBSE 143 60
	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

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	2005TUZZ	NUCLEAR REACTIONS ^{2}H(^{7}Li, 2α), (^{6}Li, ^{3}Heα), ^{6}Li(^{6}Li, 2α), E not given; measured particle spectra. ^{7}Li(p, α), E(cm) $\approx$ 0.01-0.5 MeV; ^{6}Li(d, α), (p, α), E(cm) $\approx$ 0.01-1 MeV; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P553,Tumino

A=5

^{5}H	2004GO54	NUCLEAR REACTIONS ^{3}H(t, p), E=58 MeV; measured En, Ep, missing mass spectrum following residual nucleus decay. ^{5}H deduced levels, J, π. JOUR PRLTA 93 262501
^{5}Li	2003GO41	NUCLEAR REACTIONS ^{3}He(α, dt), E=67.2 MeV; measured particle spectra, dt-coin. ^{5}Li deduced excited states energies, widths. JOUR UKPJA 48 1035

A=6

^{6}Li	2004GO56	NUCLEAR REACTIONS ^{3}H(α, dα), E=67.2 MeV; measured Ed, Eα, dα-coin, $\sigma(\theta)$. ^{6}Li deduced levels, widths. JOUR UKPJA 49 16

A=7

^{7}Li	2005GI03	NUCLEAR REACTIONS ^{10}B(n, α), E=1.5-3.8 MeV; measured σ, $\sigma(\theta)$. Effects of particle leaking discussed. JOUR NIMAE 538 550
	2005SI02	NUCLEAR REACTIONS ^{1}H(^{7}Li, p), E=2.28-5.7 MeV; measured recoil proton spectra, $\sigma(\theta$=30, 45°). Al-backed melamine target. JOUR NIMBE 229 180
	2005ZH09	RADIOACTIVITY ^{7}Be(EC); measured decay rates for source implanted in Pd and Au. JOUR CPLEE 22 565
^{7}Be	2004NA42	NUCLEAR REACTIONS ^{4}He(^{3}He, γ), E=1000-2300 keV; measured capture σ; deduced S-factors. Activation technique, astrophysical implications discussed. JOUR PRLTA 93 262503
	2005BU05	NUCLEAR REACTIONS ^{7}Li(p, n), E=1.88-2.0 MeV; measured neutron spectra, yields. JOUR NIMBE 229 144
	2005ZH09	RADIOACTIVITY ^{7}Be(EC); measured decay rates for source implanted in Pd and Au. JOUR CPLEE 22 565

A=8

^{8}Be	2004AHZW	NUCLEAR REACTIONS ^{7}Li(polarized d, n), E=160 keV; measured $\sigma(\theta)$, vector and tensor analyzing powers; deduced transition matrix elements. REPT TUNL-XLIII,P28,Ahmed
	2004FR34	NUCLEAR REACTIONS ^{12}C(^{12}C, 2^{8}Be), E=82-120 MeV; measured excitation energy spectra, angular correlations. ^{16}O deduced levels, J, π. Comparison with model predictions. JOUR PRVCA 70 064311

A=8 *(continued)*

	2005RU03	NUCLEAR REACTIONS ^{12}C(^{11}B, ^{15}N), E=49 MeV; measured σ(E, θ); ^{12}C(^{11}B, ^{8}Be), E(cm)=10-17 MeV; analyzed σ(E, θ); deduced reaction mechanism features, optical model parameters. Coupled channels analysis. JOUR ZAANE 23 445
^{8}B	2004REZY	NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm
	2005JU03	NUCLEAR REACTIONS ^{7}Be(p, γ), E(cm)=116-2460 MeV; measured σ; deduced astrophysical S-factors. Comparison with previous results. JOUR NPBSE 138 112

A=9

^{9}Li	2005JE01	NUCLEAR REACTIONS ^{2}H(^{9}Li, ^{9}Li), (^{9}Li, np), (^{9}Li, nX), (^{9}Li, pX), E=2.36 MeV / nucleon; measured particle spectra, $\sigma(\theta)$. ^{2}H(^{9}Li, αX), (^{9}Li, ^{6}HeX), E=2.36 MeV / nucleon; measured particle spectra. Post-accelerated radioactive beam. JOUR NUPAB 748 374
	2005WU03	NUCLEAR REACTIONS ^{2}H(^{8}Li, p), E $\approx$ 76 MeV; measured Ep, excitation energy spectra, $\sigma(\theta)$. ^{9}Li deduced levels, J, π, spectroscopic factors. Comparison with model predictions. JOUR PRLTA 94 082502
^{9}Be	2005YE01	NUCLEAR REACTIONS ^{9}Be(^{6}He, ^{6}He), E=25 MeV / nucleon; measured quasielastic $\sigma(\theta)$; deduced optical model parameters, inelastic channels contribution. JOUR PRVCA 71 014604

A=10

^{10}Li	2005SA03	NUCLEAR REACTIONS ^{10}B(π^{-}, K^{+}), ^{10}B, ^{12}C(π^{+}, K^{+}), E at 1.05, 1.2 GeV / c; measured missing mass spectra, hypernucleus production σ. JOUR PRLTA 94 052502
^{10}Be	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E $\approx$ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2005HI03	RADIOACTIVITY ^{11}Li(β^{-}), (β^{-}n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239

A=11

^{11}Li	2005HI03	RADIOACTIVITY ^{11}Li(β^{-}), (β^{-}n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239

A=11 *(continued)*

^{11}Be	2005HI03	RADIOACTIVITY ^{11}Li(β^-), (β^-n); measured β-delayed Eγ, En, asymmetry following decay of spin-polarized source. ^{10,11}Be deduced levels, J, π, S-factors. Comparison with antisymmetrized molecular dynamics model predictions. JOUR PYLBB 611 239
^{11}B	2004REZY	NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm
	2005ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E=14.6 MeV; ^{4}He(^{16}N, n), E=32 MeV; measured En, excitation energy spectra. ^{16}N(α, n), E(cm) $\approx$ 1-4.5 MeV; ^{8}Li(α, n), E $\approx$ 0.5-3 MeV; deduced excitation functions. CONF Riken(Origin of Matter) Proc,P316,Ishiyama
	2005MO04	NUCLEAR REACTIONS ^{12}C(e, e'p), E=379-585 MeV; measured excitation energy spectra, momentum distributions; deduced longitudinal and transverse response functions. ^{12}C(e, e'p), E=379-585 MeV; ^{12}C(γ, p), E=61.8, 71.6 MeV; analyzed transverse reduced σ, role of two-body currents. JOUR PRVCA 71 014607
	2005PR02	NUCLEAR REACTIONS ^{4}He, ^{12}C(polarized e, e'p), E=2.261, 4.461 GeV; measured single spin azimuthal asymmetries vs missing momentum, missing energy; deduced final state interaction effects. Comparisons with model predictions. JOUR NUPAB 748 357
^{11}C	2004REZY	NUCLEAR REACTIONS ^{1}H(^{11}C, p), (^{11}C, α), E*=8.7-9.9 MeV; measured particle spectra, angular distributions, σ. ^{8}Be(α, p), E*=8.7-9.9 MeV; deduced excitation function, astrophysical reaction rates. REPT ANL-04/22,P3,Rehm

A=12

^{12}B	2005GA09	NUCLEAR REACTIONS ^{9}Be, ^{12}C(e, e'K$^+$), E=4 GeV; measured hypernucleus production associated missing energy spectra. JOUR ZAANE 24 s01 91
	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E $\approx$ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
^{12}C	2005SA03	NUCLEAR REACTIONS ^{10}B(π^-, K$^+$), ^{10}B, ^{12}C(π^+, K$^+$), E at 1.05, 1.2 GeV / c; measured missing mass spectra, hypernucleus production σ. JOUR PRLTA 94 052502
	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K$^+$), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203

A=13

^{13}B	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206

A=14

^{14}B	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206

A=15

^{15}B	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E ≈ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206
^{15}C	2005NAZZ	NUCLEAR REACTIONS Pb(^{15}C, n^{14}C), E=68 MeV / nucleon; measured dissociation σ, relative energy spectra. ^{14}C(n, γ), E(cm)=0-2.7 MeV; deduced σ. CONF Riken(Origin of Matter) Proc,P155,Nakamura
^{15}N	2004HAZR	NUCLEAR REACTIONS ^{16}O(e, e'p), E=199.53 MeV; measured σ(E, θ), missing momentum spectra. JOUR KKYHB 37 1
	2005KO02	NUCLEAR REACTIONS ^{16}O(p, 2p), E=392 MeV; measured Ep, Eγ, pp-, pγ-coin. ^{15}N levels deduced γ-emission probabilities. JOUR NPBSE 139 72
	2005RU03	NUCLEAR REACTIONS ^{12}C(^{11}B, ^{15}N), E=49 MeV; measured σ(E, θ); ^{12}C(^{11}B, ^{8}Be), E(cm)=10-17 MeV; analyzed σ(E, θ); deduced reaction mechanism features, optical model parameters. Coupled channels analysis. JOUR ZAANE 23 445
^{15}O	2005BR04	NUCLEAR REACTIONS ^{3}He(^{3}He, 2p), E(cm) ≈ 10-1000 keV; ^{14}N(p, γ), E ≈0.1-2.5 MeV; measured astrophysical S-factors. JOUR NPBSE 143 60
	2005RU04	NUCLEAR REACTIONS ^{14}N(p, γ), E=155-524 keV; measured Eγ, excitation function; deduced S-factor. R-matrix analysis, astrophysical implications discussed. JOUR PRLTA 94 082503

A=16

^{16}C	2004AS13	NUCLEAR REACTIONS C(^{16}C, X), E=46 MeV / nucleon; measured particle spectra, breakup and neutron removal σ; deduced reaction mechanism features. ^{16}C deduced no ground-state cluster structure. Comparison with model predictions. JOUR PRVCA 70 064607
^{16}N	2004TAZW	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, n)]; measured β-delayed Eα. Gas-filled ionization chambers. REPT ANL-04/22,P5,Tang

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^{16}O	2004FR34	NUCLEAR REACTIONS ^{12}C(^{12}C, 2^{8}Be), E=82-120 MeV; measured excitation energy spectra, angular correlations. ^{16}O deduced levels, J, π. Comparison with model predictions. JOUR PRVCA 70 064311
	2004PE24	NUCLEAR REACTIONS ^{16}O(polarized γ, γ'), E=25-40 MeV; measured polarization asymmetries; deduced resonance features. JOUR PRVCA 70 064305
	2004TAZW	RADIOACTIVITY ^{16}N(β^-) [from ^{2}H(^{15}N, n)]; measured β-delayed Eα. Gas-filled ionization chambers. REPT ANL-04/22,P5,Tang
	2005SHZZ	NUCLEAR REACTIONS ^{12}C(α, γ), E(cm)=1.3, 1.5 MeV; measured E1 and E2 σ, $\sigma(\theta)$. ^{12}C(α, γ), E(cm) $\approx$ 1000-3000 keV; analyzed data; deduced astrophysical S-factors. CONF Riken(Origin of Matter) Proc,P217,Shima

A=17

^{17}B	2005KA06	NUCLEAR REACTIONS ^{1}H(^{17}B, X)^{17}B / ^{15}B / ^{14}B / ^{13}B / ^{12}B, E $\approx$ 43 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin, relative yields. ^{15,17}B deduced levels, J, π. Comparison with model predictions. JOUR PYLBB 608 206

A=18

^{18}F	2004FOZY	NUCLEAR REACTIONS ^{17}O(p, γ), E=185-215 keV; measured Eγ, Iγ; deduced excitation function. ^{18}F deduced resonance strengths. Astrophysical implications discussed. REPT TUNL-XLIII,P32,Fox
	2005FI01	NUCLEAR REACTIONS ^{1}H(^{17}O, γ), E=12.5 MeV; measured particle spectra; deduced resonance strength. Recoil separator, other reactions discussed. JOUR NUPAB 748 351
	2005HE04	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectrum. ^{138}Ba(n, γ), E=spectrum; measured Maxwellian-averaged σ. JOUR PRVCA 71 025803
^{18}Ne	2004SIZX	NUCLEAR REACTIONS ^{1}H(^{21}Na, α), E $\approx$ 113 MeV; measured Eα, σ(E, θ), (^{18}Ne)α-coin. ^{18}Ne(α, p), E(cm) $\approx$ 2.5 MeV; deduced angle-integrated σ. REPT ANL-04/22,P8,Sinha

A=19

^{19}F	2005ISZZ	NUCLEAR REACTIONS ^{4}He(^{8}Li, n), E=14.6 MeV; ^{4}He(^{16}N, n), E=32 MeV; measured En, excitation energy spectra. ^{16}N(α, n), E(cm) $\approx$ 1-4.5 MeV; ^{8}Li(α, n), E $\approx$ 0.5-3 MeV; deduced excitation functions. CONF Riken(Origin of Matter) Proc,P316,Ishiyama

A=20

^{20}Ne	2005ST09	NUCLEAR REACTIONS ^{12}C(^{12}C, α), E=34.7 MeV; ^{12}C(^{16}O, α), E=38.5 MeV; measured Eα, Eγ, Iγ(θ, t), $\alpha\gamma$-coin; Gd(^{24}Mg, ^{24}Mg'), E=165 MeV; measured Eγ, Iγ(θ, t), (particle)γ-coin; deduced transient field strengths. JOUR PYLBB 611 81

A=21

^{21}Ne	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{21}Na	2004SIZX	NUCLEAR REACTIONS ^{1}H(^{21}Na, α), E $\approx$ 113 MeV; measured Eα, σ(E, θ), (^{18}Ne)α-coin. ^{18}Ne(α, p), E(cm) $\approx$ 2.5 MeV; deduced angle-integrated σ. REPT ANL-04/22,P8,Sinha
	2005RU01	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E=580-1560 keV / nucleon; measured elastic and inelastic recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced resonance energies, widths, J, π, analog states. ^{21}Na(p, γ), E=low; calculated reaction rate. R-matrix analysis. JOUR PRVCA 71 025802

A=22

^{22}O	2004BEZP	NUCLEAR REACTIONS ^{1}H(^{22}O, p), (^{22}O, ^{22}O'), E $\approx$ 47 MeV / nucleon; measured particle spectra, σ(E, θ). ^{22}O level deduced deformation parameter. MUST detector array. REPT IPNO-T-04-17,Becheva
^{22}Ne	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{22}Mg	2004SEZX	NUCLEAR REACTIONS ^{12}C(^{12}C, 2n), E not given; measured Eγ, Iγ, (recoil)γ-coin. ^{22}Mg deduced levels, J, π, mass excess. Gammasphere array, mass separator. REPT ANL-04/22,P12,Seweryniak
	2005HEZZ	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured proton spectrum. ^{23}Al deduced levels, J, π. CONF Riken(Origin of Matter) Proc,P481,He
	2005RU01	NUCLEAR REACTIONS ^{1}H(^{21}Na, p), E=580-1560 keV / nucleon; measured elastic and inelastic recoil proton spectra, $\sigma(\theta)$. ^{22}Mg deduced resonance energies, widths, J, π, analog states. ^{21}Na(p, γ), E=low; calculated reaction rate. R-matrix analysis. JOUR PRVCA 71 025802

A=22 *(continued)*

	2005SE02	NUCLEAR REACTIONS ^{12}C(^{12}C, 2n), E=52 MeV; measured Eγ, Iγ, (recoil)γ-coin. ^{22}Mg deduced levels, J, π, mass excess. Implications for astrophysical reaction rate discussed. Gammasphere array. JOUR PRLTA 94 032501
	2005SHZY	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(α, ^{6}He), E=205 MeV; measured excitation energy spectra. ^{22}Mg, ^{26}Si deduced resonance energies. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P367,Shimizu

A=23

^{23}O	2005NO01	NUCLEAR REACTIONS Pb(^{23}O, n^{22}O), E=422 MeV / nucleon; measured En, Eγ, Iγ, (fragment)γ-, nγ-coin, σ(E); deduced final-state interaction effects. ^{23}O deduced ground state J, π, configuration, spectroscopic factor. JOUR PYLBB 605 79
^{23}F	2004MIZR	NUCLEAR REACTIONS ^{4}He(^{22}O, ^{23}F), E $\approx$ 35 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. ^{23}F deduced levels, transitions. REPT CNS-REP-64,P269,Michimasa
^{23}Ne	2005KO01	NUCLEAR REACTIONS ^{13}C(^{18}O, ^{8}Be), (^{18}O, 2α), E=100 MeV; ^{24}Mg(^{28}Si, ^{12}C), (^{28}Si, 3α), E=130 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced cluster emission features. GASP, ISIS arrays. JOUR ZAANE 23 19
^{23}Na	2004VO21	NUCLEAR REACTIONS ^{22}Ne(p, γ), E=840-2220 keV; measured Eγ, Iγ, excitation function. ^{23}Na deduced levels, J, π, IAS features. Comparison with model predictions. JOUR BRSPE 68 210
	2005BE03	RADIOACTIVITY ^{23}Na, ^{127}I; measured $T_{1/2}$ lower limits for spontaneous decay to superdense state; deduced potential barrier features. NaI detectors. JOUR ZAANE 23 7
^{23}Mg	2005TEZZ	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), (^{24}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured excitation functions, $\sigma(\theta)$; deduced resonance features. CONF Riken(Origin of Matter) Proc,P361,Teranishi
^{23}Al	2005HEZZ	NUCLEAR REACTIONS ^{1}H(^{22}Mg, p), E(cm) $\approx$ 0.5-3.5 MeV; measured proton spectrum. ^{23}Al deduced levels, J, π. CONF Riken(Origin of Matter) Proc,P481,He

A=24

^{24}Ne	2004KRZX	NUCLEAR REACTIONS ^{27}Al(n, n3p), ^{59}Co, ^{139}La, ^{129}I, ^{197}Au, ^{237}Np(n, γ), ^{59}Co, ^{127,129}I, ^{197}Au, ^{209}Bi(n, xn), ^{235,238}U(n, F), E=spectrum; measured yields; deduced reaction rates. Pb(p, nX), E=1.5 GeV; deduced neutron spectrum. REPT JINR-E1-2004-79,Krivopustov
^{24}Mg	2005ST09	NUCLEAR REACTIONS ^{12}C(^{12}C, α), E=34.7 MeV; ^{12}C(^{16}O, α), E=38.5 MeV; measured Eα, Eγ, I$\gamma(\theta$, t), $\alpha\gamma$-coin; Gd(^{24}Mg, ^{24}Mg'), E=165 MeV; measured Eγ, I$\gamma(\theta$, t), (particle)γ-coin; deduced transient field strengths. JOUR PYLBB 611 81

A=24 *(continued)*

	2005TEZZ	NUCLEAR REACTIONS ^{1}H(^{23}Mg, p), (^{24}Mg, p), E(cm) ≈ 0.5-3.5 MeV; measured excitation functions, $\sigma(\theta)$; deduced resonance features. CONF Riken(Origin of Matter) Proc,P361,Teranishi

A=25

^{25}Al	2005MOZZ	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E(cm) ≈ 0.5-3.44 MeV / nucleon; ^{1}H(^{26}Si, p), E(cm) ≈ 0.5-3.95 MeV / nucleon; measured excitation functions; deduced resonance features. Thick target. CONF Riken(Origin of Matter) Proc,P505,Moon

A=26

^{26}Mg	2005SC01	RADIOACTIVITY ^{26m}Al(β^+) [from ^{27}Al(γ, n)]; measured $T_{1/2}$. JOUR NIMAE 539 191
^{26}Al	2005SC01	RADIOACTIVITY ^{26m}Al(β^+) [from ^{27}Al(γ, n)]; measured $T_{1/2}$. JOUR NIMAE 539 191
^{26}Si	2004PA42	NUCLEAR REACTIONS ^{24}Mg(^{3}He, n), E=7.9, 8.11, 10.0 MeV; measured En, $\sigma(\theta)$. ^{26}Si deduced levels, J, π. ^{25}Al(p, γ), E=low; calculated astrophysical reaction rates. JOUR PRVCA 70 065805
	2005MOZZ	NUCLEAR REACTIONS ^{1}H(^{25}Al, p), E(cm) ≈ 0.5-3.44 MeV / nucleon; ^{1}H(^{26}Si, p), E(cm) ≈ 0.5-3.95 MeV / nucleon; measured excitation functions; deduced resonance features. Thick target. CONF Riken(Origin of Matter) Proc,P505,Moon
	2005SHZY	NUCLEAR REACTIONS ^{24}Mg, ^{28}Si(α, ^{6}He), E=205 MeV; measured excitation energy spectra. ^{22}Mg, ^{26}Si deduced resonance energies. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P367,Shimizu

A=27

^{27}Al	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K^+), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203
^{27}P	2005TOZZ	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum, σ(E). ^{27}P deduced gamma decay width of first excited state. CONF Riken(Origin of Matter) Proc,P549,Togano

A=28

^{28}Si	2005SA04	NUCLEAR REACTIONS ^{12}C, ^{28}Si, ^{27}Al, Fe(π^+, K$^+$), E at 1.06 GeV / c; measured hypernucleus mass spectra, pion and proton spectra following hypernucleus decay. ^{12}C, ^{28}Si, ^{27}Al, Fe deduced mesonic and nonmesonic hypernucleus decay widths. Comparison with model predictions. JOUR PRVCA 71 025203
	2005WE01	NUCLEAR REACTIONS ^{12}C(^{29}P, ^{28}SiX), E=30.7 MeV / nucleon; measured fragments parallel momentum distribution. ^{28}Si, ^{29}P deduced particle density distributions, related features. Glauber model and Skyrme-Hartree-Fock calculations. JOUR CPLEE 22 61

A=29

^{29}P	2005WE01	NUCLEAR REACTIONS ^{12}C(^{29}P, ^{28}SiX), E=30.7 MeV / nucleon; measured fragments parallel momentum distribution. ^{28}Si, ^{29}P deduced particle density distributions, related features. Glauber model and Skyrme-Hartree-Fock calculations. JOUR CPLEE 22 61

A=30

No references found

A=31

^{31}Mg	2005NE01	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR PRLTA 94 022501
^{31}Al	2005NE01	RADIOACTIVITY ^{31}Mg(β^-) [from U(p, X)]; measured β-asymmetry, β-NMR spectra from polarized source. ^{31}Mg deduced ground-state J, π, μ. JOUR PRLTA 94 022501
^{31}P	2004VO22	NUCLEAR REACTIONS ^{30}Si(p, γ), E=1750-1905 keV; measured Eγ, Iγ, excitation function. ^{31}P deduced levels, J, π, B(M1), IAR features. JOUR BRSPE 68 218

A=32

No references found

A=33

No references found

A=34

^{34}S	2005MA03	NUCLEAR REACTIONS ^{24}Mg(^{16}O, 2pα), E=70 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{34}S deduced high-spin levels, J, π, $T_{1/2}$, B(M1), B(E2). Comparison with shell model calculations. JOUR PRVCA 71 014316

A=35

No references found

A=36

^{36}Ar	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=37

^{37}Cl	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
^{37}Ar	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
	2005HE03	ATOMIC MASSES ^{37}K, ^{37}Ar; measured masses. Penning trap spectrometer. JOUR NJOPF 7 44
^{37}K	2005HE03	RADIOACTIVITY ^{37}K(β^+); ^{37}Ar(EC); measured $T_{1/2}$. JOUR NJOPF 7 44
	2005HE03	ATOMIC MASSES ^{37}K, ^{37}Ar; measured masses. Penning trap spectrometer. JOUR NJOPF 7 44

A=38

^{38}Ar	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=39

No references found

A=40

^{40}Ca	2005KO01	NUCLEAR REACTIONS ^{13}C(^{18}O, ^{8}Be), (^{18}O, 2α), E=100 MeV; ^{24}Mg(^{28}Si, ^{12}C), (^{28}Si, 3α), E=130 MeV; measured particle spectra, Eγ, Iγ, (particle)γ-coin; deduced cluster emission features. GASP, ISIS arrays. JOUR ZAANE 23 19

A=41

No references found

A=42

^{42}Ca	2004KMZZ	NUCLEAR REACTIONS ^{28}Si(^{18}O, α), E=105 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{46}Ti deduced GDR strength distribution. ^{42}Ca deduced rotational band feeding intensities. Euroball IV, Hector arrays. PREPRINT nucl-ex/0412046,12/21/2004

A=43

No references found

A=44

No references found

A=45

No references found

A=46

^{46}Ca	2005TA02	NUCLEAR REACTIONS C(^{46}Ca, ^{46}Ca'), E=95 MeV; measured Eγ, Iγ(θ, H, t), (particle)γ-coin following projectile Coulomb excitation. ^{46}Ca level deduced g-factor, configuration. Transient field technique, comparisons with neighboring isotopes. JOUR PYLBB 605 265
^{46}Ti	2004KMZZ	NUCLEAR REACTIONS ^{28}Si(^{18}O, α), E=105 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{46}Ti deduced GDR strength distribution. ^{42}Ca deduced rotational band feeding intensities. Euroball IV, Hector arrays. PREPRINT nucl-ex/0412046,12/21/2004
^{46}V	2004ONZZ	RADIOACTIVITY ^{46}Cr(EC) [from Be(^{50}Cr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller transition, branching ratio, log ft. ^{46}V deduced β-feeding intensity. Comparison with model predictions. REPT CNS-REP-64,P235,Onishi

A=46 *(continued)*

^{46}Cr	2004ONZZ	RADIOACTIVITY ^{46}Cr(EC) [from Be(^{50}Cr, X)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced Gamow-Teller transition, branching ratio, log ft. ^{46}V deduced β-feeding intensity. Comparison with model predictions. REPT CNS-REP-64,P235,Onishi

A=47

^{47}K	2004ISZX	NUCLEAR REACTIONS ^{198}Pt(^{48}Ca, X)^{47}K / ^{48}K, E=8.5 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{47,48}K deduced levels, J, π, isomeric states $T_{1/2}$. REPT CNS-REP-64,P27,Ishii

A=48

^{48}K	2004ISZX	NUCLEAR REACTIONS ^{198}Pt(^{48}Ca, X)^{47}K / ^{48}K, E=8.5 MeV / nucleon; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-, (particle)γ-coin. ^{47,48}K deduced levels, J, π, isomeric states $T_{1/2}$. REPT CNS-REP-64,P27,Ishii
^{48}Ca	2005ZD02	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. $CaWO_4$ crystal scintillators. JOUR APHYE 23 249
^{48}Ti	2005ZD02	RADIOACTIVITY ^{48}Ca($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limit. $CaWO_4$ crystal scintillators. JOUR APHYE 23 249
^{48}V	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=49

No references found

A=50

^{50}Ti	2005BA14	NUCLEAR REACTIONS ^{50}V(d, 2p), E=171 MeV; measured Ep, pp-coin, σ(E, θ). ^{50}V deduced Gamow-Teller strength distribution. Comparison with model predictions. JOUR PRVCA 71 024603
^{50}V	2005BA14	NUCLEAR REACTIONS ^{50}V(d, 2p), E=171 MeV; measured Ep, pp-coin, σ(E, θ). ^{50}V deduced Gamow-Teller strength distribution. Comparison with model predictions. JOUR PRVCA 71 024603
^{50}Cr	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=51

^{51}Cr	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=52

^{52}Mn	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2004QAZZ	NUCLEAR REACTIONS ^{52}Cr(p, n), (^{3}He, t), ^{54}Fe(d, α), (^{3}He, pα), E ≈ 5-35 MeV; measured isomer production ratios. REPT NEA/NSC/DOC(2004)14,P11,Qaim
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{52}Fe	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E ≈ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=53

No references found

A=54

^{54}Sc	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{54}Ti	2004FO09	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{54}Ti / ^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{54,56}Ti deduced levels, J, π, configurations. Gammasphere array. JOUR PRVCA 70 064304
	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{54}Mn	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{54}Co	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=55

^{55}Sc	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{55}Ti	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{55}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{55}Ni	2004YU11	NUCLEAR REACTIONS ^{197}Au(^{55}Ni, ^{55}Ni'), E=84.8 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{55}Ni deduced level, transition B(E2). Comparison with model predictions. JOUR PRVCA 70 064321

A=56

^{56}Sc	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{56}Ti	2004FO09	NUCLEAR REACTIONS ^{238}U(^{48}Ca, X)^{54}Ti / ^{56}Ti, E=330 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{54,56}Ti deduced levels, J, π, configurations. Gammasphere array. JOUR PRVCA 70 064304
	2004LI75	RADIOACTIVITY ^{54,55,56}Sc(β^-) [from Be(^{86}Kr, X)]; measured Eβ, Eγ, $\beta\gamma$-coin, $T_{1/2}$. ^{54,55,56}Ti deduced levels, J, π, configurations. Comparison with model predictions. JOUR PRVCA 70 064303
^{56}Cr	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{56}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{56}Ni	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005TAZZ	NUCLEAR REACTIONS ^{13}C, ^{56}Fe(^{11}B, ^{11}Li), E=758 MeV; measured σ(E); deduced Gamow-Teller resonance, IAS features. CONF Riken(Origin of Matter) Proc,P533,Takahisa

A=57

^{57}Sc	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=57 *(continued)*

^{57}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{57}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{57}Ni	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=58

^{58}Sc	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{58}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=58 *(continued)*

^{58}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{58}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005HA03	NUCLEAR REACTIONS ^{58}Ni(d, 2p), E=170 MeV; measured Ep, pp-coin, σ(E, θ). ^{58}Co deduced levels, Gamow-Teller strengths, related features. ^{58}Ni, ^{58}Co deduced analog states Coulomb displacement energy. Comparison with large-scale shell model calculations. JOUR PRVCA 71 014606
^{58}Ni	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59
	2005HA03	NUCLEAR REACTIONS ^{58}Ni(d, 2p), E=170 MeV; measured Ep, pp-coin, σ(E, θ). ^{58}Co deduced levels, Gamow-Teller strengths, related features. ^{58}Ni, ^{58}Co deduced analog states Coulomb displacement energy. Comparison with large-scale shell model calculations. JOUR PRVCA 71 014606

A=59

^{59}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=59 *(continued)*

^{59}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{59}Fe	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{59}Ni	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59

A=60

^{60}Ti	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{60}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=60 *(continued)*

^{60}Co	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005NO04	NUCLEAR REACTIONS Ge, Mo, Te(p, X)^{60}Co, E=0.8, 1.85 GeV; measured production σ. Comparison with model predictions. JOUR NPBSE 143 508
^{60}Ni	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59

A=61

^{61}V	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{61}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{61}Ga	2005AN03	NUCLEAR REACTIONS ^{24}Mg(^{40}Ca, 2np), E=104 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{61}Ga deduced levels, J, π, analog states features. Clarion array, mass separator. JOUR PRVCA 71 011303

A=62

^{62}V	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=62 *(continued)*

^{62}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{62}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
^{62}Zn	2005AL03	NUCLEAR REACTIONS ^{58}Ni(^{16}O, ^{16}O), (^{16}O, ^{16}O'), (^{16}O, ^{12}C), E=46 MeV; ^{58}Ni(^{18}O, ^{18}O), (^{18}O, ^{18}O'), (^{18}O, ^{17}O), (^{18}O, ^{16}O), E=46 MeV; measured elastic, inelastic, and transfer σ(E, θ). Coupled-channels analysis, comparison with previous results. JOUR NUPAB 748 59
	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
	2005CA06	RADIOACTIVITY ^{62}Ga(EC) [from ^{64}Zn(p, 3n)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced branching ratios. ^{62}Zn deduced levels, β-feeding intensities. JOUR ZAANE 23 409
^{62}Ga	2005CA06	RADIOACTIVITY ^{62}Ga(EC) [from ^{64}Zn(p, 3n)]; measured Eγ, Iγ, $\beta\gamma$-coin, $T_{1/2}$; deduced branching ratios. ^{62}Zn deduced levels, β-feeding intensities. JOUR ZAANE 23 409

A=63

^{63}V	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{63}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura

A=63 *(continued)*

^{63}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{63}Ni	2004AHZZ	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=low; measured capture σ for neutron spectrum with kT=25 keV. Accelerator mass spectrometry. REPT ANL-04/22,P15,Ahmad
	2005NA08	NUCLEAR REACTIONS ^{62}Ni(n, γ), E=spectrum; measured total σ. Fast-neutron activation, accelerator mass spectrometry. Astrophysical implications discussed. JOUR PRLTA 94 092504

A=64

^{64}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{64}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{64}Ni	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{64}Cu	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101
^{64}Zn	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236

A=65

^{65}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{65}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{65}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{65}Zn	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=66

^{66}Cr	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41
^{66}Mn	2005GA01	RADIOACTIVITY ^{57,58}Sc, ^{58,59,60}Ti, ^{61}V, ^{62,63,64,65,66}Cr(β^-) [from ^{58}Ni(^{76}Ge, X)]; measured Eγ, Eβ, $\beta\gamma$-coin, $T_{1/2}$. ^{58}V, ^{61}Cr, ^{62}Mn deduced levels, J, π. ^{58}V, ^{61}Cr, ^{62,63,64,65}Mn deduced transitions. ^{60}V, ^{62}Mn deduced isomeric states. Comparison with model predictions. JOUR ZAANE 23 41
	2005GA01	NUCLEAR REACTIONS ^{58}Ni(^{76}Ge, X)^{57}Sc / ^{58}Sc / ^{58}Ti / ^{59}Ti / ^{60}Ti / ^{60}V / ^{61}V / ^{62}V / ^{63}V / ^{62}Cr / ^{63}Cr / ^{64}Cr / ^{65}Cr / ^{66}Cr / ^{65}Mn / ^{66}Mn, E=61.8 MeV / nucleon; measured yields. JOUR ZAANE 23 41

A=66 *(continued)*

	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{66}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{66}Ga	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=67

^{67}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{67}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{67}Ga	2005BO10	NUCLEAR REACTIONS Zn(p, X)^{64}Cu / ^{57}Ni / ^{56}Ni / ^{52}Mn / ^{54}Mn / ^{62}Zn / ^{65}Zn / ^{51}Cr / ^{48}V / ^{55}Co / ^{56}Co / ^{57}Co / ^{58}Co / ^{60}Co / ^{66}Ga / ^{67}Ga / ^{52}Fe / ^{59}Fe, E $\approx$ 31-141 MeV; measured production σ. Stacked-foil activation. JOUR JRNCD 264 101

A=68

^{68}Fe	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{68}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{68}As	2005ST08	NUCLEAR REACTIONS ^{40}Ca(^{32}S, n3p), E=95, 105 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-, (neutron)γ-coin. ^{68}As deduced high-spin levels, J, π, configurations. Euroball and Euclides arrays, total Routhian surface calculations. JOUR ZAANE 24 1

A=69

^{69}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{69}Ni	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura

A=70

^{70}Co	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{70}Ni	2005NIZZ	RADIOACTIVITY ^{63,64}Cr, ^{65,66}Mn, ^{67,68}Fe, ^{69,70}Co(β^-) [from Be(^{86}Kr, X)]; measured Eβ, $T_{1/2}$. Fragment separator, comparisons with previous results and model predictions. CONF Riken(Origin of Matter) Proc,P304,Nishimura
^{70}Ge	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303

A=71

No references found

A=72

^{72}Ga	2005LI02	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR CHPHD 14 95
	2005SH03	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR JUPSA 74 299
^{72}Ge	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303

A=72 *(continued)*

	2005LI02	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR CHPHD 14 95
	2005LI09	RADIOACTIVITY ^{72}As(EC) [from ^{72}Ge(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π. JOUR CHPHD 14 487
	2005SH03	RADIOACTIVITY ^{72}Ga(β^-) [from ^{71}Ga(n, γ)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π, β-feeding intensities. JOUR JUPSA 74 299
^{72}As	2005LI09	RADIOACTIVITY ^{72}As(EC) [from ^{72}Ge(p, n)]; measured Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{72}Ge deduced levels, J, π. JOUR CHPHD 14 487

A=73

No references found

A=74

^{74}Ge	2005BA13	NUCLEAR REACTIONS ^{70,72,74}Ge(^{6}Li, ^{6}Li), (^{6}Li, ^{6}Li'), E=28 MeV; measured σ(E, θ), elastic $\sigma(\theta)$; deduced Coulomb-nuclear interference effects. ^{70,72,74}Ge levels deduced B(E2) / B(IS2) ratio, mixed-symmetry effects. JOUR PRVCA 71 024303

A=75

^{75}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{75}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501

A=76

^{76}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{76}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{76}Ge	2005KL02	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$; deduced non-conservation of lepton number. JOUR NPBSE 143 229
^{76}Se	2005KL02	RADIOACTIVITY ^{76}Ge($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$; deduced non-conservation of lepton number. JOUR NPBSE 143 229

A=76 *(continued)*

^{76}Br	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E ≈ 5-40 MeV; ^{78}Kr(d, α), E ≈ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten

A=77

^{77}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{77}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{77}Zn	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501

A=78

^{78}Ni	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{78}Cu	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{78}Zn	2005HO08	RADIOACTIVITY ^{75,76,77,78}Ni, ^{77,78}Cu(β^-) [from Be(^{86}Kr, X)]; measured $T_{1/2}$. Astrophysical implications discussed. JOUR PRLTA 94 112501
^{78}Ge	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{78}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=79

^{79}As	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51

A=80

^{80}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=81

^{81}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=82

^{82}Se	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{82}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{82}Sr	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E ≈ 5-40 MeV; ^{78}Kr(d, α), E ≈ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten

A=83

^{83}Ge	2005TH03	NUCLEAR REACTIONS ^{2}H(^{82}Ge, p), E=330 MeV; measured proton spectra, $\sigma(\theta)$, Q value. ^{83}Ge deduced levels, J, π, spectroscopic factors, mass excess. JOUR PRVCA 71 021302
^{83}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=84

^{84}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=85

^{85}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=86

^{86}Kr	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=87

No references found

A=88

^{88}Sr	2004KA62	NUCLEAR REACTIONS ^{88}Sr(γ, γ'), E=6.8 MeV bremsstrahlung; measured Eγ, Iγ. ^{88}Sr deduced levels, J, π, configurations, B(E1), B(M1), B(E2). Comparison with model predictions. JOUR PRVCA 70 064307

A=89

^{89}Kr	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{89}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=90

^{90}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=91

^{91}Kr	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{91}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=92

^{92}Kr	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{92}Nb	2004ODZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 7n), (^{17}N, 6n), E $\approx$ 104 MeV; measured Eγ, Iγ. ^{92,93}Nb deduced transitions. REPT CNS-REP-64,P289,Odahara

A=93

^{93}Kr	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{93}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{93}Y	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51

A=93 *(continued)*

^{93}Nb	2004ODZZ	NUCLEAR REACTIONS ^{82}Se(^{17}N, 7n), (^{17}N, 6n), E ≈ 104 MeV; measured Eγ, Iγ. ^{92,93}Nb deduced transitions. REPT CNS-REP-64,P289,Odahara
^{93}Mo	2004FUZX	NUCLEAR REACTIONS ^{82}Se(^{16}O, 5n), E=100 MeV; measured Eγ, Iγ, γγ-coin. ^{93}Mo deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. REPT CNS-REP-64,P109,Fukuchi

A=94

^{94}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=95

^{95}Rb	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{95}Y	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{95}Zr	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel

A=96

^{96}Sr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, γγ-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
^{96}Zr	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{96}Mo	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221

A=97

^{97}Sr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, γγ-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312

A=97 *(continued)*

^{97}Nb	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{97}Ru	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=98

^{98}Zr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312

A=99

^{99}Zr	2004WU08	NUCLEAR REACTIONS ^{238}U(α, F)^{96}Sr / ^{97}Sr / ^{98}Zr / ^{99}Zr, E=30 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (fragment)γ-coin. ^{96,97}Sr, ^{98,99}Zr deduced high-spin levels, J, π, configurations. Gammasphere, Chico arrays. JOUR PRVCA 70 064312
^{99}Nb	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{99}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=100

^{100}Mo	2005BA01	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu2\beta$-decay Eβ, $T_{1/2}$. JOUR NPBSE 138 207
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{100}Tc	2004FU30	NUCLEAR REACTIONS ^{99}Tc(n, γ), E=thermal; measured Eγ, Iγ, capture σ. ^{100}Tc deduced levels, J, π. JOUR JNSTA 41 1033
	2005JO04	NUCLEAR REACTIONS ^{96}Zr(^{7}Li, 3n), E=27 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{100}Tc deduced levels, J, π, B(M1) / B(E2), chiral partner bands. Total Routhian surface and core quasi-particle coupling model calculations. JOUR ZAANE 24 23
^{100}Ru	2005BA01	RADIOACTIVITY ^{100}Mo($2\beta^-$); measured $2\nu2\beta$-decay Eβ, $T_{1/2}$. JOUR NPBSE 138 207
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221

A=100 *(continued)*

^{100}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{100}Pd	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=101

^{101}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{101}Pd	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=102

^{102}Rh	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{102}Sn	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197

A=103

^{103}Tc	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{103}Pd	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E ≈ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E ≈ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533

A=103 *(continued)*

^{103}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{103}Sn	2004HA59	RADIOACTIVITY ^{107}Te(α) [from ^{58}Ni(^{52}Cr, 3n)]; measured Eα, Iα. JOUR PRVCA 70 064314

A=104

^{104}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{104}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321

A=105

^{105}Rh	2005MO07	RADIOACTIVITY ^{105}Rh(β^-) [from ^{104}Rh(n, γ)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission probabilities. ^{105}Pd deduced levels, β-feeding intensities. Comparison with previous results. JOUR NIMAE 540 324
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{105}Pd	2005MO07	RADIOACTIVITY ^{105}Rh(β^-) [from ^{104}Rh(n, γ)]; measured Eγ, Iγ, $\beta\gamma$-coin; deduced γ-emission probabilities. ^{105}Pd deduced levels, β-feeding intensities. Comparison with previous results. JOUR NIMAE 540 324
^{105}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{105}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321

A=106

^{106}Pd	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{106}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
	2005UD01	NUCLEAR REACTIONS Ag(p, X)^{106m}Ag / ^{105}Ag / ^{103}Pd / ^{101}Pd / ^{100}Pd / ^{105}Rh / ^{102}Rh / ^{101m}Rh / ^{100}Rh / ^{99}Rh / ^{97}Ru, E=11-80 MeV; measured excitation functions. Stacked-foil activation. JOUR ARISE 62 533
^{106}Cd	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{106}Te	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197

A=107

^{107}Te	2004HA59	NUCLEAR REACTIONS ^{58}Ni(^{52}Cr, 3n), E=187 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{107}Te deduced transitions, excited state. Jurogam array, recoil-decay tagging. JOUR PRVCA 70 064314
	2004HA59	RADIOACTIVITY ^{107}Te(α) [from ^{58}Ni(^{52}Cr, 3n)]; measured Eα, Iα. JOUR PRVCA 70 064314

A=108

^{108}Pd	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{108}Cd	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{108}Sn	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637

A=109

^{109}Cd	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005
^{109}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=109 *(continued)*

	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005

A=110

^{110}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{110}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005
^{110}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005GYZZ	RADIOACTIVITY ^{109}In, ^{110}Sn(EC) [from ^{106}Cd(α, X)]; measured Eγ, Iγ, $T_{1/2}$. PREPRINT nucl-ex/0503012,3/18/2005
^{110}Xe	2005JA03	RADIOACTIVITY ^{110}Xe, ^{106}Te(α) [from ^{58}Ni(^{58}Ni, 2nα) and subsequent decay]; measured Eα, $T_{1/2}$; deduced α-decay widths. Mass separator. JOUR ZAANE 23 197

A=111

^{111}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{111}Cd	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{111}In	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

A=112

^{112}Ag	2005HE05	NUCLEAR REACTIONS Pd(α, xnyp)^{103}Ag / ^{104}Ag / ^{105}Ag / ^{106m}Ag / ^{110m}Ag / ^{111}Ag / ^{112}Ag / ^{104}Cd / ^{105}Cd / ^{111m}Cd, E=10-37 MeV; measured σ. Stacked-foil activation, comparison with model predictions. JOUR NIMBE 229 321
^{112}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
^{112}Sb	2005DE02	NUCLEAR REACTIONS ^{89}Y(^{30}Si, 3nα), E=120 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{112}Sb levels deduced $T_{1/2}$, B(M1), B(E2). Comparisons with tilted axis cranking model predictions. JOUR PRVCA 71 017303

A=113

^{113}In	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157

A=113 *(continued)*

^{113}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195

A=114

^{114}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841

A=115

^{115}In	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CA03	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio and Qβ for decay to excited level, limit on charge-nonconserving decay. ^{115}Sn level deduced energy, β-feeding intensity. JOUR NUPAB 748 333
^{115}Sn	2005CA03	RADIOACTIVITY ^{115}In(β^-); measured β-delayed Eγ, Iγ; deduced branching ratio and Qβ for decay to excited level, limit on charge-nonconserving decay. ^{115}Sn level deduced energy, β-feeding intensity. JOUR NUPAB 748 333
^{115}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195

A=116

^{116}Cd	2005DA03	RADIOACTIVITY ^{116}Cd(2β^-); measured 2ν2β-decay $T_{1/2}$, 0ν2β-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 230

A=116 ***(continued)***

	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{116}Sn	2004KO64	NUCLEAR REACTIONS ^{6}Li, ^{16}O, ^{32}S, ^{50,51}V, ^{70,72}Ge(d, d), (d, d'), E=171 MeV; ^{90}Zr, ^{116}Sn(d, d), (d, d'), E=183 MeV; measured $\sigma(\theta)$; deduced optical model parameters. JOUR PRVCA 70 067601
	2005DA03	RADIOACTIVITY ^{116}Cd($2\beta^-$); measured $2\nu2\beta$-decay $T_{1/2}$, $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 230
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{116}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{116}Xe	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401

A=117

^{117}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
	2005HE08	NUCLEAR REACTIONS ^{100}Mo(^{17}O, xnyp), E=78.8 MeV; ^{100}Mo(^{18}O, xnyp), E=95.0 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin. ^{117,118}Sn deduced GDR widths, temperature and spin dependence features. Comparison with model predictions. JOUR NUPAB 750 175

A=117 *(continued)*

^{117}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{117}Cs	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401
^{117}Ba	2005JA06	RADIOACTIVITY ^{117}Ba(β^+p) [from ^{63}Cu(^{58}Ni, 3np)]; measured Eγ, Eβ, $\beta\gamma$-coin, β-delayed proton spectra; deduced Q. ^{117}Cs deduced β-feeding intensities, proton decay branching ratios, resonance structure. Total absorption spectrometer, comparison with model predictions. JOUR ZAANE 23 401

A=118

^{118}Sn	2005HE08	NUCLEAR REACTIONS ^{100}Mo(^{17}O, xnyp), E=78.8 MeV; ^{100}Mo(^{18}O, xnyp), E=95.0 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin. ^{117,118}Sn deduced GDR widths, temperature and spin dependence features. Comparison with model predictions. JOUR NUPAB 750 175
^{118}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195

A=119

No references found

A=120

^{120}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236
^{120}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{120}Te	2005ZU01	RADIOACTIVITY ^{120}Te(β^+EC); ^{64}Zn, ^{106,108}Cd, ^{120}Te(2EC); measured $T_{1/2}$lower limits. JOUR NPBSE 138 236

A=121

^{121}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39

A=122

^{122}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{122}Te	2005HIZZ	NUCLEAR REACTIONS ^{122}Te(n, n'), E=1.72, 2.80, 3.35 MeV; measured Doppler-shifted Eγ, Iγ, DSA. ^{122}Te deduced levels, J, π, $T_{1/2}$, B(E1), B(M1), B(E2). PC S F Hicks,1/3/2005
^{122}Cs	2005UU01	NUCLEAR REACTIONS ^{107}Ag(^{19}F, 3np), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{122}Cs deduced high-spin levels, J, π, configurations, B(M1) / B(E2), chiral doublet bands. Level systematics in neighboring isotopes compared. JOUR JPGPE 31 B1

A=123

^{123}Sn	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{123}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39

A=124

^{124}Sn	2004KU30	NUCLEAR REACTIONS ^{112,114,120,124}Sn(α, α), (α, α'), E $\approx$ 50 MeV; measured σ(E, θ); deduced optical model parameters. ^{112,114,120,124}Sn deduced transition strengths, deformation parameters, related features. JOUR UKPJA 49 841
	2005BA02	NUCLEAR REACTIONS ^{124}Sn(n, n'γ), E=2.2-4.5 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, excitation functions, angular distributions, DSA. ^{124}Sn deduced levels, J, π, $T_{1/2}$, two- and three-phonon excitations. JOUR NUPAB 747 206
^{124}Sb	2005BA18	NUCLEAR REACTIONS ^{112}Sn(d, p), (d, 3np), (p, 2np), ^{118}Sn(d, 2n), (d, 3n), (d, 5n), (d, 2np), (d, 6np), (d, 9np), (p, n), (p, 3n), (p, 4n), (p, np), (p, 5np), (p, 8np), ^{120}Sn(d, 2n), (d, 4n), (d, 6n), (d, 7n), (d, 4np), (d, 8np), (d, 11np), (p, n), (p, 3n), (p, 5n), (p, 6n), (p, 3np), (p, 7np), (p, 10np), ^{124}Sn(d, 2n), (d, 4n), (d, 6n), (d, 8n), (d, 10n), (d, 11n), (d, 2np), (d, 8np), (d, 12np), (d, 15np), (p, n), (p, 3n), (p, 5n), (p, 7n), (p, 9n), (p, 10n), (p, np), (p, 7np), (p, 11np), (p, 14np), E=3.65 GeV / nucleon; measured σ. ^{120}Sn(p, X), E=0.66 GeV; measured spallation fragments mass distribution. Activation technique, comparison with model predictions. JOUR YAFIA 68 195
^{124}I	2004SCZU	NUCLEAR REACTIONS ^{76}Se(p, n), E $\approx$ 5-40 MeV; ^{78}Kr(d, α), E $\approx$ 4-14 MeV; measured σ. ^{126}Te(p, 3n), E=8-70 MeV; ^{85}Rb(p, 4n), E=44-66 MeV; measured yields. REPT NEA/NSC/DOC(2004)14,P13,Scholten
^{124}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=125

^{125}Sn	2004JO19	NUCLEAR REACTIONS ^{2}H(^{124}Sn, p), E=562 MeV; measured Ep, $\sigma(\theta)$. ^{125}Sn deduced levels, spectroscopic factors. DWBA analysis. Comparison with previous results. JOUR PRVCA 70 067602
^{125}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39

A=126

^{126}Sn	2005CA14	RADIOACTIVITY ^{126}Sn(β^-); measured $T_{1/2}$. ^{126}Sb deduced transitions. Radiochemical separation. JOUR JRNCD 263 599
^{126}Sb	2005CA14	RADIOACTIVITY ^{126}Sn(β^-); measured $T_{1/2}$. ^{126}Sb deduced transitions. Radiochemical separation. JOUR JRNCD 263 599
^{126}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=127

^{127}Sb	2005PO03	NUCLEAR REACTIONS ^{238}U(^{12}C, X), E=90 MeV; ^{208}Pb(^{18}O, X), E=85 MeV; ^{176}Yb(^{31}P, X), E=152 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{121,123,125,127}Sb deduced high-spin levels, J, π, configurations. ^{123,125,127}Sb deduced isomeric states energies, $T_{1/2}$. Euroball III and IV arrays. JOUR ZAANE 24 39
^{127}I	2005BE03	RADIOACTIVITY ^{23}Na, ^{127}I; measured $T_{1/2}$ lower limits for spontaneous decay to superdense state; deduced potential barrier features. NaI detectors. JOUR ZAANE 23 7
	2005BE17	RADIOACTIVITY ^{127}I(^{24}Ne), (^{28}Mg), (^{30}Mg), (^{32}Si), (^{34}Si), (^{48}Ca), (^{49}Sc); measured cluster decay $T_{1/2}$ lower limits. JOUR ZAANE 24 51
^{127}La	2005II01	RADIOACTIVITY ^{127}Ce(β^+), (EC) [from Mo(^{35}Cl, xnp)]; measured Eγ, Iγ, E(ce), I(ce), $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{127}La deduced levels, J, π, $T_{1/2}$, configurations. Comparison with Nilsson model predictions. JOUR ZAANE 23 33
^{127}Ce	2005II01	RADIOACTIVITY ^{127}Ce(β^+), (EC) [from Mo(^{35}Cl, xnp)]; measured Eγ, Iγ, E(ce), I(ce), $\beta\gamma$-, $\gamma\gamma$-coin, $T_{1/2}$. ^{127}La deduced levels, J, π, $T_{1/2}$, configurations. Comparison with Nilsson model predictions. JOUR ZAANE 23 33

A=128

^{128}Sb	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{128}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=129

^{129}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=130

^{130}Sb	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{130}Te	2005PI02	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 210
^{130}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
	2005PI02	RADIOACTIVITY ^{130}Te($2\beta^-$); measured $0\nu2\beta$-decay $T_{1/2}$ lower limit. JOUR NPBSE 138 210

A=131

^{131}Te	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=131 *(continued)*

^{131}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1
^{131}Cs	2005KU10	NUCLEAR REACTIONS ^{124}Sn(^{11}B, 4n), E=57 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{131}Cs deduced high-spin levels, J, π, configurations B(M1) / B(E2). Total Routhian surface and tilted axis cranking model calculations. JOUR ZAANE 24 13

A=132

^{132}Sb	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{132}I	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{132}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=133

^{133}Te	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=134

^{134}I	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=134 *(continued)*

^{134}Xe	2005LE04	NUCLEAR REACTIONS Pb(p, X)^{3}He / ^{4}He / ^{21}Ne / ^{22}Ne / ^{36}Ar / ^{38}Ar / ^{78}Kr / ^{80}Kr / ^{81}Kr / ^{82}Kr / ^{83}Kr / ^{84}Kr / ^{85}Kr / ^{86}Kr / ^{124}Xe / ^{126}Xe / ^{128}Xe / ^{129}Xe / ^{130}Xe / ^{131}Xe / ^{132}Xe / ^{134}Xe, E=44-2595 MeV; measured production σ; deduced reaction mechanism features. Mini-stack approach, comparisons with model predictions. JOUR NIMBE 229 1

A=135

^{135}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=136

^{136}I	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304
^{136}La	2005BH06	NUCLEAR REACTIONS ^{130}Te(^{11}B, 5n), E=52 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{136}La deduced high-spin levels, J, π, configurations. Two-quasiparticle-rotor model calculation. JOUR NUPAB 750 199

A=137

^{137}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky

A=138

^{138}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky

A=138 *(continued)*

^{138}Cs	2005NA05	NUCLEAR REACTIONS ^{232}Th, ^{232,238}U, ^{238,240}Pu, ^{244}Cm(n, F)^{128}Sb / ^{130}Sb / ^{132}Sb / ^{131}Te / ^{133}Te / ^{132}I / ^{134}I / ^{136}I / ^{135}Xe / ^{138}Cs, E=thermal, fast; measured isomer yield ratios; deduced fission fragment angular momenta. Spin-dependent statistical model analysis. JOUR PRVCA 71 014304

A=139

^{139}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{139}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{139}Ba	2005HE04	NUCLEAR REACTIONS ^{18}O(p, n), E=2582 keV; measured neutron spectrum. ^{138}Ba(n, γ), E=spectrum; measured Maxwellian-averaged σ. JOUR PRVCA 71 025803

A=140

^{140}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{140}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{140}Nd	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E $\approx$ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E $\approx$ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers
	2004NE13	NUCLEAR REACTIONS ^{96}Zr(^{48}Ca, 4n), E=195 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, fractional Doppler shifts. ^{140}Nd deduced superdeformed band transitions, quadrupole moments, configurations. Euroball array. JOUR PRVCA 70 064315

A=141

^{141}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky

A=141 *(continued)*

^{141}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257

A=142

^{142}Xe	2004GAZV	NUCLEAR REACTIONS ^{237}Np, ^{243}Am(γ, F)^{89}Kr / ^{91}Kr / ^{92}Kr / ^{93}Kr / ^{135}Xe / ^{137}Xe / ^{138}Xe / ^{139}Xe / ^{140}Xe / ^{141}Xe / ^{142}Xe, E_{max}=25 MeV; measured Eγ, Iγ; deduced fission fragment yields. REPT JINR-P15-2004-119,Gangrsky
^{142}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{142}Ba	2005BI02	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301
^{142}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
^{142}Gd	2005PA07	NUCLEAR REACTIONS ^{114}Sn(^{32}S, 2n2p), E=160 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (charged particle)γ-coin, DSA. ^{142}Gd deduced high-spin levels, J, π, configurations, $T_{1/2}$, B(M1), B(E2). Euroball IV and Euclides arrays, comparisons with model predictions. JOUR ZAANE 23 191

A=143

^{143}Nd	2003KI26	RADIOACTIVITY ^{147}Sm(α); measured Eα, $T_{1/2}$. Comparison with previous results. JOUR JNRSA 4,No 1,5
	2004WAZW	NUCLEAR REACTIONS Mg(^{132}Xe, xn)^{149}Dy, E=7 MeV / nucleon; ^{12}C(^{136}Xe, 5n), E=6.5 MeV / nucleon; measured Eγ, Iγ(θ, H, t). ^{149}Dy, ^{143}Nd deduced high-spin isomers g-factors. Time-differential perturbed angular distribution method. REPT CNS-REP-64,P243,Watanabe
	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511

A=144

^{144}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{144}Ba	2005BI02	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301

A=144 *(continued)*

^{144}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
^{144}Er	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak

A=145

^{145}Cs	2005AN01	NUCLEAR REACTIONS ^{238}U(p, F)^{89}Rb / ^{90}Rb / ^{91}Rb / ^{93}Rb / ^{94}Rb / ^{95}Rb / ^{139}Cs / ^{140}Cs / ^{141}Cs / ^{142}Cs / ^{144}Cs / ^{145}Cs, E=1 GeV; measured yields. JOUR ZAANE 23 257
^{145}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
^{145}Er	2004DAZX	RADIOACTIVITY ^{146}Tm(p); measured Ep. REPT ANL-04/22,P29,Davids
^{145}Tm	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak

A=146

^{146}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
^{146}Er	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak
^{146}Tm	2004DAZX	RADIOACTIVITY ^{146}Tm(p); measured Ep. REPT ANL-04/22,P29,Davids

A=147

^{147}Cs	2005SY01	RADIOACTIVITY ^{147}Cs(β^-) [from ^{235}U(n, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$. ^{147}Ba deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 23 481
^{147}Ba	2005SY01	RADIOACTIVITY ^{147}Cs(β^-) [from ^{235}U(n, F)]; measured β-delayed Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$. ^{147}Ba deduced levels, J, π, $T_{1/2}$, B(M1), B(E2). JOUR ZAANE 23 481
^{147}Sm	2003KI26	RADIOACTIVITY ^{147}Sm(α); measured Eα, $T_{1/2}$. Comparison with previous results. JOUR JNRSA 4,No 1,5
^{147}Tm	2004SEZW	RADIOACTIVITY ^{145,147}Tm(p); measured Ep. REPT ANL-04/22,P27,Seweryniak

A=148

^{148}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511

A=148 *(continued)*

^{148}Tb	2004AL35	RADIOACTIVITY ^{148}Dy(EC), (β^+) [from ^{93}Nb(^{58}Ni, 3p)]; measured Eγ, Iγ, (X-ray)γ-, $\beta\gamma$-coin; deduced log ft. ^{148}Tb levels deduced β-feeding intensities, Gamow-Teller strength distribution, resonant state features. Total absorption spectrometer, comparison with previous results. JOUR PRVCA 70 064301
^{148}Dy	2004AL35	RADIOACTIVITY ^{148}Dy(EC), (β^+) [from ^{93}Nb(^{58}Ni, 3p)]; measured Eγ, Iγ, (X-ray)γ-, $\beta\gamma$-coin; deduced log ft. ^{148}Tb levels deduced β-feeding intensities, Gamow-Teller strength distribution, resonant state features. Total absorption spectrometer, comparison with previous results. JOUR PRVCA 70 064301

A=149

^{149}Dy	2004WAZW	NUCLEAR REACTIONS Mg(^{132}Xe, xn)^{149}Dy, E=7 MeV / nucleon; ^{12}C(^{136}Xe, 5n), E=6.5 MeV / nucleon; measured Eγ, I$\gamma(\theta$, H, t). ^{149}Dy, ^{143}Nd deduced high-spin isomers g-factors. Time-differential perturbed angular distribution method. REPT CNS-REP-64,P243,Watanabe

A=150

^{150}Nd	2005MA10	NUCLEAR MOMENTS ^{142,143,144,145,146,148,150}Nd; measured hfs, isotope shifts. JOUR CHPHD 14 511
	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221
^{150}Sm	2005SA07	RADIOACTIVITY ^{82}Se, ^{96}Zr, ^{100}Mo, ^{116}Cd, ^{150}Nd($2\beta^-$); measured $2\nu\beta\beta$-decay $T_{1/2}$. ^{82}Se, ^{100}Mo($2\beta^-$); measured $0\nu\beta\beta$-decay $T_{1/2}$ lower limits; deduced neutrino mass limits. JOUR NPBSE 143 221

A=151

No references found

A=152

^{152}Dy	2004LAZW	NUCLEAR REACTIONS ^{108}Pd(^{48}Ca, 4n), E=194 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{152}Dy deduced ridge widths, quadrupole moments, rotational damping features for deformed and superdeformed quasicontinuum spectra. Gammasphere array. REPT ANL-04/22,P51,Lauritsen

A=153

^{153}Eu 2004MB03 NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157

2005BU02 NUCLEAR REACTIONS ^{154}Gd(t, α), E=15 MeV; ^{152}Sm(^{3}He, d), E=24 MeV; ^{152}Sm(α, t), E=25 MeV; measured particle spectra, σ(E, θ). ^{153}Eu deduced levels, l-values, spectroscopic strengths, configurations. Nilsson model with Coriolis mixing. JOUR NUPAB 747 131

A=154

No references found

A=155

^{155}Eu 2004MB03 NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157

A=156

No references found

A=157

No references found

A=158

No references found

A=159

No references found

A=160

No references found

A=161

No references found

A=162

^{162}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474

A=163

^{163}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474

A=164

^{164}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
^{164}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=165

^{165}Dy	2004KI23	NUCLEAR REACTIONS ^{161,162,163,164}Dy(n, γ), E=550 keV; measured Eγ, Iγ, capture σ. JOUR KPSJA 45 1474
	2005BU07	NUCLEAR REACTIONS ^{163}Dy, ^{177}Hf(t, p), E=17 MeV; measured σ(Ep, θ). ^{165}Dy, ^{179}Hf deduced levels, L-values, L=0 strengths. Enriched targets, magnetic spectrograph. Systematic trends in neighboring nuclides discussed. JOUR NUPAB 750 185
^{165}Lu	2005AN04	NUCLEAR REACTIONS ^{139}La(^{30}Si, 4n), E=135 MeV; measured Doppler-shifted Eγ, Iγ, $\gamma\gamma$-coin. ^{165}Lu levels deduced $T_{1/2}$, transition quadrupole moments, B(E2). GASP array, total Routhian surface calculations. JOUR PRVCA 71 014312
^{165}Ta	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=165 *(continued)*

^{165}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{165}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=166

^{166}Yb	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{166}Lu	2005MC01	RADIOACTIVITY ^{166}Hf(β^+), (EC) [from ^{159}Tb(^{16}O, 9n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Hf deduced levels, J, π, X(5) symmetry features. JOUR PRVCA 71 024309
^{166}Hf	2005MC01	RADIOACTIVITY ^{166}Hf(β^+), (EC) [from ^{159}Tb(^{16}O, 9n)]; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166}Hf deduced levels, J, π, X(5) symmetry features. JOUR PRVCA 71 024309
^{166}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{166}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{166}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=167

^{167}Yb	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{167}Lu	2005AM02	NUCLEAR REACTIONS ^{123}Sb(^{48}Ca, 4n), E=203 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{167}Lu deduced high-spin levels, J, π, triaxial superdeformed bands, configurations. Gammasphere array. JOUR PRVCA 71 011302
^{167}W	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{167}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{167}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=168

^{168}Yb	2005ST03	NUCLEAR REACTIONS ^{124}Sn(^{48}Ca, 4n), (^{48}Ca, 5n), (^{48}Ca, 6n), E=215 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{166,167,168}Yb deduced transition energy correlations, level spacing and interaction potential features, order-to-chaos transition. Gammasphere array. JOUR PRLTA 94 042501
^{168}W	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=168 *(continued)*

^{168}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{168}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=169

^{169}Tm	2005BA10	NUCLEAR MOMENTS ^{169}Tm; measured hfs. JOUR PHSTB 71 159
^{169}W	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{169}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{169}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{169}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=170

^{170}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=170 *(continued)*

	2004WA35	NUCLEAR REACTIONS ^{142}Nd(^{32}S, 3np), E=155, 166 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin. ^{170}Re deduced high-spin levels, J, π, configurations. Level systematics in neighboring nuclides discussed. JOUR PRVCA 70 064306
^{170}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{170}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{170}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=171

^{171}Re	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{171}Os	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{171}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=171 *(continued)*

^{171}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=172

^{172}Yb	2005SAZZ	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Comparison with previous results. PREPRINT nucl-ex/0501006,1/11/2005
^{172}Os	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{172}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{172}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=173

^{173}Hf	2005HA05	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. JOUR PYLBB 608 31

A=173 *(continued)*

^{173}Os	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{173}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{173}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{173}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=174

^{174}Er	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{174}Yb	2005SAZZ	NUCLEAR REACTIONS ^{172,174}Yb(polarized γ, γ'), E=2930, 3005, 3550 keV; measured Eγ, Iγ, asymmetries. ^{172,174}Yb levels deduced π. Comparison with previous results. PREPRINT nucl-ex/0501006,1/11/2005
^{174}Hf	2005HA05	NUCLEAR REACTIONS ^{130}Te(^{48}Ca, 4n), (^{48}Ca, 5n), E=200, 205 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{174}Hf deduced superdeformed bands transitions, $T_{1/2}$, quadrupole moments. ^{173}Hf deduced superdeformed band transitions. Gammasphere array, comparisons with model predictions. JOUR PYLBB 608 31

A=174 *(continued)*

	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
^{174}Os	2002DU22	NUCLEAR REACTIONS ^{156}Dy(^{22}Ne, 5n), (^{22}Ne, 6n), E=127 MeV; ^{162}Er(^{18}O, 6n), (^{18}O, 7n), E=116 MeV; measured radiochemical yields. JOUR NIMAE 479 631
^{174}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Pt	2004GOZZ	NUCLEAR REACTIONS ^{92}Mo(^{84}Sr, 2p), E=380 MeV; ^{94}Mo(^{84}Sr, 2n2p), E=385 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{174}Pt deduced high-spin levels, J, π, configurations, shape coexistence features. Gammasphere, fragment separator, cranked mean-field calculations. THESIS J Goon,University of Tennessee
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{174}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=175

^{175}Er	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201

A=175 ***(continued)***

^{175}Ir	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308
^{175}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{175}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{175}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=176

^{176}Yb	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465
^{176}Lu	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465
^{176}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005AM04	RADIOACTIVITY ^{176}Lu(β^-), (β^+); measured isotope ratios; deduced decay branch upper limit. JOUR GCACA 69 465
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
^{176}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=176 *(continued)*

^{176}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{176}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=177

^{177}Hf	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
^{177}Pt	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{177}Au	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee
^{177}Hg	2004CAZW	RADIOACTIVITY ^{181}Pb(α) [from ^{92}Mo(^{90}Zr, p)]; measured Eα, $T_{1/2}$. ^{181}Pb deduced ground-state J, π. REPT ANL-04/22,P43,Carpenter
	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=178

^{178}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401

A=178 *(continued)*

^{178}Hg	2004GOZZ	RADIOACTIVITY ^{168,169,170,171,172}Os, ^{169,170,171,172,173,174,175}Ir, ^{170,171,172,173,174,175,176,177}Pt, ^{173,174,175,176,177}Au, ^{174,175,176,177,178}Hg(α) [from ^{92,94}Mo(^{84}Sr, xnyp) and subsequent decay]; measured Eα, Eγ, α-γ-coin, $T_{1/2}$. ^{165}Ta, ^{165,167}W, ^{165,166,167,168,171}Re, ^{169,170,171}Os, ^{169,170,171,172,175}Ir, ^{173,175}Pt, ^{174,176}Au deduced levels, J, π. THESIS J Goon,University of Tennessee

A=179

^{179}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005BU07	NUCLEAR REACTIONS ^{163}Dy, ^{177}Hf(t, p), E=17 MeV; measured σ(Ep, θ). ^{165}Dy, ^{179}Hf deduced levels, L-values, L=0 strengths. Enriched targets, magnetic spectrograph. Systematic trends in neighboring nuclides discussed. JOUR NUPAB 750 185
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
^{179}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{179}Au	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308

A=180

^{180}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
	2005ME01	NUCLEAR REACTIONS Hf(n, X), E=0.1-100 eV; measured total neutron σ. ^{174,176,177,178,179,180}Hf deduced resonance parameters. Comparison with previous results. JOUR KPSJA 46 401
^{180}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{180}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=181

^{181}Pt	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=181 *(continued)*

^{181}Pb	2004CAZW	RADIOACTIVITY ^{181}Pb(α) [from ^{92}Mo(^{90}Zr, p)]; measured Eα, $T_{1/2}$. ^{181}Pb deduced ground-state J, π. REPT ANL-04/22,P43,Carpenter

A=182

^{182}Hf	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{182}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606

A=183

^{183}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{183}Au	2005SO01	NUCLEAR REACTIONS ^{159}Tb(^{29}Si, 5n), E=140 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{183}Au deduced high-spin levels, J, π, configurations. GASP array. JOUR PRVCA 71 017302
^{183}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{183}Tl	2004RA28	NUCLEAR REACTIONS ^{144}Sm(^{42}Ca, 2np), E=195, 200 MeV; measured Eγ, Iγ, $\gamma\gamma$-, (recoil)γ-coin. ^{183}Tl deduced high-spin levels, J, π, configurations. Jurosphere array, recoil-decay tagging. JOUR PRVCA 70 064308
	2004RA28	RADIOACTIVITY ^{183}Tl, ^{179}Au(α) [from ^{144}Sm(^{42}Ca, 2np) and subsequent decay]; measured Eα, Eγ, $\alpha\gamma$-coin, $T_{1/2}$. ^{179}Au, ^{175}Ir deduced levels, J, π. JOUR PRVCA 70 064308

A=184

^{184}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{184}Re	2004GA57	NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187
^{184}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=184 *(continued)*

^{184}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=185

^{185}Hf	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{185}W	2002BO67	NUCLEAR REACTIONS ^{184}W(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{185}W deduced level energies, two-step cascade intensities, level density features. JOUR FIZBE 11 201
^{185}Re	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
^{185}Hg	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{185}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{185}Pb	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=186

^{186}W	2004CO26	RADIOACTIVITY ^{180}W(α); measured Eα, $T_{1/2}$, Q-value. ^{182,183,184,186}W(α); measured $T_{1/2}$ lower limits. $CaWO_4$ crystals. JOUR PRVCA 70 064606
^{186}Re	2005HAZZ	NUCLEAR REACTIONS ^{185}Re(n, γ), E=thermal; measured capture σ to ground and isomeric states. Astrophysical implications discussed. CONF Riken(Origin of Matter) Proc,P208,Hayakawa

A=186 *(continued)*

^{186}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{186}Pb	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=187

^{187}Re	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
^{187}Tl	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=188

^{188}Ta	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{188}Bi	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=189

^{189}Tl	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=189 *(continued)*

^{189}Pb	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{189}Bi	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{189}Po	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=190

^{190}W	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{190}Pb	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{190}Bi	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57
^{190}Po	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=191

^{191}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{191}Pt	2005KU01	NUCLEAR REACTIONS ^{186}W(^{11}B, 5np), E=85 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{191}Pt deduced high-spin levels, J, π, configurations, shape coexistence. Eurogam-II array, cranked mean-field calculations. JOUR ZAANE 23 69
^{191}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{191}Pb	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{191}Bi	2005VA04	RADIOACTIVITY ^{189}Po(α) [from ^{142}Nd(^{52}Cr, 5n), (^{50}Cr, 3n)]; measured Eα, Eγ, E(ce), $\alpha\gamma$-coin. ^{185}Pb deduced levels, J, π, ICC, $T_{1/2}$, configurations. ^{188,189,190,191}Bi, ^{189,190}Po(α) [from ^{142}Nd(^{52}Cr, X), (^{50}Cr, X)]; measured Eα, Iα. Potential energy surface calculations, level systematics in neighboring isotopes discussed. JOUR ZAANE 24 57

A=192

^{192}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{192}Ir	2004HIZZ	NUCLEAR REACTIONS ^{102}Ru(^{3}He, 2n), ^{100}Ru(α, n), ^{103}Rh(d, 2n), (p, n), E $\approx$ 5-35 MeV; analyzed excitation functions, yields. Ce(^{3}He, xn)^{140}Nd, E < 27 MeV; ^{141}Pr(p, 2n), E < 23 MeV; measured yields. ^{192}Os(p, n), E $\approx$ 6-20; measured σ. REPT NEA/NSC/DOC(2004)14,P15,Hilgers

A=192 *(continued)*

^{192}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{192}Pb	2004WIZX	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{192}Pb deduced superdeformed band levels $T_{1/2}$, quadrupole moment. Gammasphere array, total Routhian surface calculations. PREPRINT ANU-P/1610,Wilson
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
	2005WI01	NUCLEAR REACTIONS ^{168}Er(^{29}Si, 5n), E=154 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin, DSA. ^{192}Pb deduced superdeformed band levels $T_{1/2}$, quadrupole moment. Gammasphere array, total Routhian surface calculations. JOUR NUPAB 748 12
^{192}Bi	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=193

^{193}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{193}Os	2002BO66	NUCLEAR REACTIONS ^{192}Os(n, γ), E=thermal; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{193}Os deduced level energies, two-step cascade intensities, level density features. JOUR FIZBE 11 83
^{193}Ir	2005KI01	NUCLEAR REACTIONS ^{193}Ir(X-ray, X-ray), (X-ray, γ), E=low; measured γ-spectra, X-ray spectra. ^{193}Ir deduced probability for nuclear excitation by electron transition. Synchrotron radiation, silicon avalanche photodiode. JOUR NUPAB 748 3
^{193}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=193 *(continued)*

^{193}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{193}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=194

^{194}Re	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{194}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{194}Hg	2004KHZX	NUCLEAR REACTIONS ^{150}Nd(^{48}Ca, 4n), E not given; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{194}Hg deduced spreading widths for excited superdeformed quasicontinuum transitions. Gammasphere array. REPT ANL-04/22,P61,Khoo

A=194 *(continued)*

^{194}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{194}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{194}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=195

^{195}Os	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{195}Au	2003HI23	NUCLEAR REACTIONS ^{197}Au(^{208}Pb, X)^{195}Au / ^{196}Au, E=40, 158 GeV / nucleon; measured electromagnetic dissociation σ for one- and two-neutron removal. JOUR UKPJA 48 1165
^{195}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{195}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=195 *(continued)*

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{195}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=196

^{196}Au	2003HI23	NUCLEAR REACTIONS ^{197}Au(^{208}Pb, X)^{195}Au / ^{196}Au, E=40, 158 GeV / nucleon; measured electromagnetic dissociation σ for one- and two-neutron removal. JOUR UKPJA 48 1165
	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004GA57	NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187
	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E $\approx$ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{196}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{196}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

A=196 *(continued)*

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{196}Po	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{196}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=197

^{197}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{197}Au	2004GA57	NUCLEAR REACTIONS ^{185}Re, ^{191}Ir, ^{197}Au(γ, n), E=22 MeV bremsstrahlung; ^{185}Re, ^{191}Ir, ^{197}Au(n, 2n), E=14.7 MeV; ^{181}Ta(α, n), E=18 MeV; ^{190}Os, ^{196}Pt(d, n), E=13, 14 MeV; measured Eγ, Iγ; deduced isomer production ratios. Activation method. JOUR BRSPE 68 187
	2004YU11	NUCLEAR REACTIONS ^{197}Au(^{55}Ni, ^{55}Ni'), E=84.8 MeV; measured Eγ, Iγ, (particle)γ-coin following projectile Coulomb excitation. ^{55}Ni deduced level, transition B(E2). Comparison with model predictions. JOUR PRVCA 70 064321
	2005WO01	NUCLEAR REACTIONS ^{197}Au(^{84}Kr, ^{84}Kr'), (^{56}Cr, ^{56}Cr'), (^{108}Sn, ^{108}Sn'), E=113-142 MeV / nucleon; measured Eγ, Iγ following projectile Coulomb excitation. ^{84}Kr, ^{56}Cr, ^{108}Sn deduced transitions. ^{9}Be(^{55}Ni, X)^{54}Co / ^{52}Fe / ^{50}Cr, E=171 MeV / nucleon; measured Eγ, Iγ, (particle)γ-coin. JOUR NIMAE 537 637
^{197}Hg	2003MB03	NUCLEAR REACTIONS ^{198}Pt, ^{198}Hg(γ, n), E=8-17 MeV; measured Eγ, Iγ, isomer yield ratios. Comparison with model predictions. JOUR UKPJA 48 403
^{197}Pb	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=197 *(continued)*

^{197}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
^{197}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{197}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{197}Rn	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=198

^{198}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{198}Au	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61

A=198 *(continued)*

^{198}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{198}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
	2005JO03	NUCLEAR REACTIONS ^{174}Yb(^{29}Si, 5n), E=148 MeV; measured Eγ, Iγ, $\gamma\gamma$-coin. ^{198}Po deduced spin-energy entry distributions for superdeformed and normal-deformed rotational bands. Gammasphere array. JOUR PRVCA 71 024317
^{198}At	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{198}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=199

^{199}Ir	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{199}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

A=199 *(continued)*

^{199}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{199}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{199}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=200

^{200}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{200}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{200}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631

A=200 *(continued)*

^{200}At	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{200}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{200}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=201

^{201}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{201}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

A=201 ***(continued)***

	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{201}Po	2002DU22	RADIOACTIVITY ^{197,197m,198,199m,200,201m}Po(α); ^{172,173}Os(α) [from ^{156}Dy(^{22}Ne, xn)]; ^{183,184,185}Hg(α) [from ^{168}Yb(^{22}Ne, xn)]; measured Eα, $T_{1/2}$. JOUR NIMAE 479 631
^{201}At	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
^{201}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
^{201}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243
	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{201}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306

A=201 ***(continued)***

	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=202

^{202}Pt	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{202}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{202}Rn	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
^{202}Fr	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=202 *(continued)*

^{202}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=203

^{203}Au	2005CA02	RADIOACTIVITY ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ, $\gamma\gamma$-coin, $T_{1/2}$. ^{188}Ta, ^{190}W, ^{192,193}Re, ^{195}Os, ^{197,198}Ir, ^{200,201,202}Pt, ^{203}Au deduced transitions. ^{190}W, ^{200,201,202}Pt deduced levels, J, π. ^{174,175}Er, ^{185}Hf, ^{191,194}Re, ^{199}Ir(IT) [from Be(^{208}Pb, X)]; measured Eγ, Iγ. JOUR ZAANE 23 201
^{203}Tl	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
^{203}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{203}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=203 ***(continued)***

	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{203}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=204

^{204}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608

A=204 ***(continued)***

	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{204}Fr	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306
^{204}Ra	2005UU02	NUCLEAR REACTIONS ^{141}Pr(^{65}Cu, xnypzα), E=283-293 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{199,200,201}Rn, ^{202,203,204}Fr, ^{203,204}Ra. ^{141}Pr(^{63}Cu, xnypzα), E=278-288 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{198,199,200,201,202}Rn, ^{201,202}Fr, ^{201,202}Ra. ^{170}Yb(^{36}Ar, xnypzα), E=180-185 MeV; measured delayed Eα, Iα, $\alpha\alpha$-, (recoil)α-coin; deduced evidence for ^{201}Fr, ^{203}Ra. Gas-filled recoil separator. JOUR PRVCA 71 024306
	2005UU02	RADIOACTIVITY ^{201,202,203,204}Ra, ^{197,198,199,200}Rn, ^{193,194,195,196}Po, ^{201,202,203,204}Fr, ^{197,198,199,200}At(α) [from ^{141}Pr(^{63,65}Cu, xnypzα), ^{170}Yb(^{36}Ar, xnypzα), and subsequent decay]; measured Eα, $T_{1/2}$, $\alpha\alpha$-coin for ground and metastable state decay. ^{193,195}Bi, ^{197,199}At, ^{201,203}Fr deduced levels, J, π. Comparisons with previous results. JOUR PRVCA 71 024306

A=205

^{205}Tl	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
^{205}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam

A=205 ***(continued)***

	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2004MIZS	NUCLEAR REACTIONS Fe(p, X)^{52}Mn, E < 2.6 GeV; Pb(p, X)^{10}Be, E < 2.6 GeV; ^{209}Bi(p, 4np), E < 2.6 GeV; Pb(n, X)^{196}Au / ^{95}Zr, E ≈ 70-180 MeV; measured excitation functions. Comparison with model predictions. REPT NEA/NSC/DOC(2004)14,P28,Michel
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{205}Fr	2005DE01	RADIOACTIVITY ^{200,201,203,205}Fr, ^{196,197,199,201}At, ^{193}Bi(α) [from Th(p, X) and subsequent decay]; measured Eα, $T_{1/2}$. ^{201}Fr, ^{197}At, ^{193}Bi, ^{189}Tl deduced levels, J, π. JOUR ZAANE 23 243

A=206

^{206}Bi	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{206}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=207

^{207}Pb	2005WA06	NUCLEAR MOMENTS ^{207}Pb; measured hfs. Comparison with previous results and model predictions. JOUR PHSTB 71 274
^{207}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{207}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=208

^{208}Pb	2002LI68	NUCLEAR REACTIONS ^{208}Pb(^{19}F, ^{19}F), E=88-102 MeV; measured $\sigma(\theta)$; deduced parameters, role of deformation in fusion reactions, threshold anomaly. JOUR JNRSA 3,No 1,27
	2005TOZZ	NUCLEAR REACTIONS ^{208}Pb(^{27}P, p^{26}Si), E=57 MeV / nucleon; measured relative energy spectrum, σ(E). ^{27}P deduced gamma decay width of first excited state. CONF Riken(Origin of Matter) Proc,P549,Togano
^{208}Bi	2004KE15	NUCLEAR REACTIONS ^{1,2}H, Ti(^{208}Pb, X)^{193}Bi / ^{194}Bi / ^{195}Bi / ^{196}Bi / ^{197}Bi / ^{198}Bi / ^{199}Bi / ^{200}Bi / ^{201}Bi / ^{202}Bi / ^{203}Bi / ^{204}Bi / ^{205}Bi / ^{206}Bi / ^{207}Bi / ^{208}Bi, E=1 GeV / nucleon; measured charge-pickup σ, velocity distributions; deduced reaction mechanism features. Comparison with model predictions and previous results. JOUR PRVCA 70 064608
^{208}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{208}Fr	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
^{208}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302

A=209

^{209}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{209}Fr	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302
^{209}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302

A=210

^{210}Bi	2004RA29	NUCLEAR REACTIONS ^{208}Pb, ^{209}Bi(n, γ), E=spectrum; measured σ. Astrophysical implications discussed. Activation technique. JOUR PRVCA 70 065803
^{210}At	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{210}Fr	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417
^{210}Ra	2005RE02	NUCLEAR REACTIONS ^{182}W(^{30}Si, 4n), E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{208}Ra deduced levels, J, π, isomeric state $T_{1/2}$. ^{182,183,184,186}W(^{30}Si, X)^{210}Ra / ^{209}Ra / ^{208}Ra / ^{209}Fr, E=151 MeV; measured delayed Eγ, Iγ, (recoil)γ-coin. ^{209}Fr, ^{209,210}Ra deduced transitions. Level systematics in neighboring nuclides discussed. JOUR PRVCA 71 014302

A=211

^{211}Pb	2004LAZV	NUCLEAR REACTIONS ^{238}U(^{208}Pb, X)^{211}Pb, E=1360 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{211}Pb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. PREPRINT ANU-P/1637,Lane
	2005LA01	NUCLEAR REACTIONS ^{238}U(^{208}Pb, X)^{211}Pb, E=1360 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{211}Pb deduced high-spin levels, J, π, configurations, isomeric states $T_{1/2}$. Gammasphere array. JOUR PYLBB 606 34
^{211}Fr	2004MB03	NUCLEAR MOMENTS ^{113,115}In, ^{153,155}Eu, ^{185,187}Re, ^{203,205}Tl, ^{209,211}Fr; measured hfs; deduced hyperfine magnetic anomaly, relative radii. Laser resonance fluorescence. JOUR BRSPE 68 157
	2005CO02	NUCLEAR REACTIONS ^{197}Au(^{18}O, 4n), (^{18}O, 5n), (^{18}O, 6n), (^{18}O, 7n), E=75-130 MeV; measured delayed Eα, excitation functions. Comparison with model predictions. JOUR PRVCA 71 014609
	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=212

^{212}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=213

^{213}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=214

^{214}Fr	2005KU06	RADIOACTIVITY ^{210,211,212,213,214}Fr(α) [from ^{209}Bi(^{12}C, xn) and subsequent decay]; measured Eα, Iα, Eγ, Iγ, $\alpha\gamma$-coin, $T_{1/2}$; deduced hindrance factors. ^{206,207,208,209,210}At deduced levels, J, π. Comparison with previous results. JOUR ZAANE 23 417

A=215

No references found

A=216

^{216}Rn	2004KM01	NUCLEAR REACTIONS ^{198}Pt(^{18}O, X), E=96 MeV; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin. ^{216}Rn deduced GDR energy, width, deformation features. Hector array, comparison with model predictions. JOUR PRVCA 70 064317
^{216}Th	2002SU35	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), ^{186}W(^{34}S, 4n), E not given; measured yields, focal-plane position spectra in recoil separator. JOUR NIMAE 481 71

A=217

No references found

A=218

No references found

A=219

No references found

A=220

No references found

A=221

No references found

A=222

No references found

A=223

No references found

A=224

^{224}Th 2005SE03 NUCLEAR REACTIONS ^{176}Yb(^{48}Ca, X), E=206, 219, 256, 259 MeV; measured Eγ, Iγ, (evaporation residue)γ-coin, γ-ray multiplicity and sum energy, fusion and evaporation residue σ. ^{224}Th deduced GDR parameters. Comparison with model predictions. JOUR NUPAB 750 245

A=225

No references found

A=226

No references found

A=227

No references found

A=228

No references found

A=229

^{229}Np 2002AS08 RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=230

^{230}Th 2005PO02 RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565

^{230}Np 2002AS08 RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=231

^{231}Th	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{231}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=232

^{232}Np	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=233

^{233}Th	2004ADZW	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{115}In(n, 5n), (n, 6n), (n, 7n), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, γ), (n, p), (n, 6n2p), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Pb(p, nX), E=1 GeV; deduced spallation neutron spectrum. REPT JINR-E1-2004-16,Adam
	2005AD01	NUCLEAR REACTIONS ^{209}Bi(n, 4n), (n, 5n), (n, 6n), (n, 7n), (n, 9n), ^{232}Th(n, γ), ^{197}Au(n, 2n), (n, 4n), (n, 6n), (n, 7n), (n, γ), ^{59}Co(n, 2n), (n, 3n), (n, 4n), (n, 5n), (n, p), (n, 6n2p), ^{115}In(n, 5n), (n, 6n), (n, 7n), E=spectrum; measured Eγ, Iγ; deduced reaction rates. Activation technique, spallation neutrons from 1 GeV proton beam, comparison with model predictions. JOUR ZAANE 23 61
^{233}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{233}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=234

^{234}Th	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565

A=234 *(continued)*

^{234}U	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{234}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{234}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=235

^{235}U	2005PO02	RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565
^{235}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
^{235}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=236

^{236}Pu	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187
	2005AS01	RADIOACTIVITY ^{236,236m}Am(EC) [from ^{235}U(^{6}Li, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{236}Pu deduced levels, J, π, configurations, β-feeding intensities, B(E1), B(M1). ^{236}Am deduced isomeric state J, π, configuration. JOUR ZAANE 23 395
^{236}Am	2002AS08	RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=236 *(continued)*

2005AS01 RADIOACTIVITY ^{236,236m}Am(EC) [from ^{235}U(^{6}Li, 5n)]; measured Eγ, Iγ, $\gamma\gamma$-, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{236}Pu deduced levels, J, π, configurations, β-feeding intensities, B(E1), B(M1). ^{236}Am deduced isomeric state J, π, configuration. JOUR ZAANE 23 395

A=237

^{237}Cm 2002AS08 RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=238

^{238}U 2005PO02 RADIOACTIVITY ^{234,235,238}U(α); measured Eα, Iα from thick source. Comparison with model predictions. JOUR RMEAE 39 565

^{238}Np 2004KRZX NUCLEAR REACTIONS ^{27}Al(n, n3p), ^{59}Co, ^{139}La, ^{129}I, ^{197}Au, ^{237}Np(n, γ), ^{59}Co, ^{127,129}I, ^{197}Au, ^{209}Bi(n, xn), ^{235,238}U(n, F), E=spectrum; measured yields; deduced reaction rates. Pb(p, nX), E=1.5 GeV; deduced neutron spectrum. REPT JINR-E1-2004-79,Krivopustov

^{238}Cm 2002AS08 RADIOACTIVITY ^{235,236}Am(EC) [from ^{233,235}U(^{6}Li, xn)]; measured prompt and delayed Eγ, Iγ, $\gamma\gamma$-coin; deduced log ft. ^{235,236}Pu deduced levels, J, π, configurations. ^{233,234,235,236}Am, ^{237,238}Cm(α) [from ^{233,235}U, ^{237}Np(^{6}Li, xn)]; measured Eα, $T_{1/2}$. Isotope separator. JOUR JNRSA 3,No 1,187

A=239

No references found

A=240

No references found

A=241

^{241}Cm 2003ASZY RADIOACTIVITY ^{241}Bk(EC) [from ^{239}Pu(^{6}Li, 4n)]; measured Eγ, Iγ, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{241}Bk deduced ground-state configuration. ^{241}Cm deduced levels, J, π. REPT JAERI-TV 2002 Annual,P29,Asai

A=241 ***(continued)***

^{241}Bk	2003ASZY	NUCLEAR REACTIONS ^{239}Pu(^{6}Li, 4n), E=34-42 MeV; measured prompt and delayed Eγ, Iγ, (X-ray)γ-, (recoil)γ-coin; deduced evidence for ^{241}Bk. Isotope separator. REPT JAERI-TV 2002 Annual,P29,Asai
	2003ASZY	RADIOACTIVITY ^{241}Bk(EC) [from ^{239}Pu(^{6}Li, 4n)]; measured Eγ, Iγ, (X-ray)γ-coin, $T_{1/2}$; deduced log ft. ^{241}Bk deduced ground-state configuration. ^{241}Cm deduced levels, J, π. REPT JAERI-TV 2002 Annual,P29,Asai

A=242

No references found

A=243

No references found

A=244

^{244}Cm	2005RE06	RADIOACTIVITY ^{244}Cm, ^{252}Cf(SF); measured Eγ, Iγ; deduced fission fragments isotopic yields. JOUR JRNCD 264 243

A=245

No references found

A=246

No references found

A=247

No references found

A=248

No references found

A=249

^{249}Cm	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad
^{249}Bk	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad

A=250

No references found

A=251

^{251}Cf	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
^{251}Md	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183

A=252

^{252}Cf	2004PYZZ	RADIOACTIVITY ^{252}Cf(SF); measured fission fragment mass distributions, neutron multiplicity; deduced ternary decay mode. REPT JINR-E15-2004-65,Pyatkov
	2005BI02	RADIOACTIVITY ^{252}Cf(SF); measured Doppler-shifted Eγ, Iγ, (particle)γ-, $\gamma\gamma$-coin. ^{142,144}Ba levels deduced $T_{1/2}$, transition quadrupole moments. Euroball, Saphir arrays, differential Doppler shift method. JOUR PRVCA 71 011301
	2005RE06	RADIOACTIVITY ^{244}Cm, ^{252}Cf(SF); measured Eγ, Iγ; deduced fission fragments isotopic yields. JOUR JRNCD 264 243
^{252}No	2002SU35	NUCLEAR REACTIONS ^{206}Pb(^{48}Ca, 2n), ^{186}W(^{34}S, 4n), E not given; measured yields, focal-plane position spectra in recoil separator. JOUR NIMAE 481 71
	2005YE02	RADIOACTIVITY ^{252}No(SF) [from ^{206}Pb(^{48}Ca, 2n)]; measured fission fragments spectra, prompt neutron multiplicity. Recoil separator. JOUR NIMAE 539 441

A=253

^{253}Es	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
	2004AHZY	RADIOACTIVITY ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{249}Cm(β^-) [from ^{248}Cm(n, γ)]; measured Eγ, Iγ. ^{249}Bk deduced transitions, proton single-particle states J, π, configurations. REPT ANL-04/22,P45,Ahmad
^{253}Fm	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=254

^{254}No	2004KHZY	RADIOACTIVITY ^{254m}No(IT) [from ^{208}Pb(^{48}Ca, 2n)]; measured E(ce), I(ce) following decay of high-spin isomer. ^{254}No level deduced J, π, configuration. REPT ANL-04/22,P47,Khoo

A=255

^{255}Fm	2002AH06	RADIOACTIVITY ^{255}Fm, ^{253}Es(α); measured Eγ, Iγ, $\gamma\gamma$-coin. ^{251}Cf, ^{249}Bk deduced levels, J, π, single-particle states. JOUR JNRSA 3,No 1,179
^{255}Lr	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183

A=256

No references found

A=257

^{257}No	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=258

No references found

A=259

^{259}Db	2002GU33	NUCLEAR REACTIONS ^{241}Am(^{22}Ne, 4n), E=118 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced evidence for ^{259}Db. JOUR JNRSA 3,No 1,183
	2002GU33	RADIOACTIVITY ^{259}Db, ^{255}Lr(α) [from ^{241}Am(^{22}Ne, 4n) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR JNRSA 3,No 1,183

A=260

No references found

A=261

^{261}Rf	2002NA37	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E=91, 94, 99 MeV; ^{248}Cm(^{19}F, 5n), E=106 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR JNRSA 3,No 1,85
	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=262

^{262}Rf	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855
^{262}Db	2002NA37	NUCLEAR REACTIONS ^{248}Cm(^{18}O, 5n), E=91, 94, 99 MeV; ^{248}Cm(^{19}F, 5n), E=106 MeV; measured delayed Eα, $\alpha\alpha$-coin; deduced production σ. JOUR JNRSA 3,No 1,85

A=263

No references found

A=264

No references found

A=265

^{265}Sg	2004VO24	RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=266

^{266}Sg 2004VO24 RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=267

^{267}Rf 2004OG12 RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

2004OGZZ RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

^{267}Db 2003OGZY RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=268

^{268}Db 2003OGZY RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

2004DMZZ RADIOACTIVITY ^{268}Db(SF) [from ^{243}Am(^{48}Ca, 3n) and subsequent decay]; measured $T_{1/2}$. REPT JINR-E12-2004-157,Dmitriev

A=269

^{269}Hs 2004VO24 NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn), E=144-149 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{269,270}Hs. Radiochemical analysis. JOUR RAACA 92 855

2004VO24 RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=270

^{270}Hs 2004VO24 NUCLEAR REACTIONS ^{248}Cm(^{26}Mg, xn), E=144-149 MeV; measured delayed $\alpha\alpha$-coin; deduced evidence for ^{269,270}Hs. Radiochemical analysis. JOUR RAACA 92 855

A=270 *(continued)*

2004VO24 RADIOACTIVITY ^{269,270}Hs, ^{265,266}Sg, ^{257}No(α); ^{261,262}Rf(SF) [from ^{248}Cm(^{26}Mg, xn) and subsequent decay]; measured Eα, $T_{1/2}$. JOUR RAACA 92 855

A=271

^{271}Sg 2004OG12 RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

2004OGZZ RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

^{271}Bh 2003OGZY RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=272

^{272}Bh 2003OGZY RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=273

No references found

A=274

No references found

A=275

^{275}Hs 2004OG12 RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

A=275 *(continued)*

	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{275}Mt	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=276

^{276}Mt	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=277

No references found

A=278

^{278}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=279

^{279}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609

A=279 *(continued)*

	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{279}Rg	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=280

^{280}Rg	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=281

^{281}Ds	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=282

^{282}112	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=283

^{283}112	2003YA22	NUCLEAR REACTIONS ^{238}U(^{48}Ca, 3n), E ≈ 233 MeV; measured radiochemical yield; deduced chemical properties. JOUR RAACA 91 433
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{283}113	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=284

^{284}112	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{284}113	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=285

^{285}112	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=286

^{286}114	20030GZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian
	20040G12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	20040GZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=287

^{287}114	20040G12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	20040GZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{287}115	20030GZY	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=253 MeV; measured (recoil)α-, $\alpha\alpha$-coin following residual nucleus decay; deduced production σ. REPT JINR-E7-2003-178,Oganessian
	20030GZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian

A=288

^{288}114	20040G12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	20040GZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=288 *(continued)*

^{288}115	2003OGZY	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), (^{48}Ca, 4n), E=253 MeV; measured (recoil)α-, $\alpha\alpha$-coin following residual nucleus decay; deduced production σ. REPT JINR-E7-2003-178,Oganessian
	2003OGZY	RADIOACTIVITY ^{287,288}115, ^{283,284}113, ^{279,280}Rg, ^{275,276}Mt, ^{272}Bh(α) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$; deduced Qα. ^{267,268}Db(SF) [from ^{243}Am(^{48}Ca, xn) and subsequent decay]; measured $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2003-178,Oganessian
	2004DMZZ	NUCLEAR REACTIONS ^{243}Am(^{48}Ca, 3n), E=247 MeV; measured delayed fission fragment and neutron spectra following radiochemical separation; deduced σ, evidence for Z=115 and Z=113 production. REPT JINR-E12-2004-157,Dmitriev

A=289

^{289}114	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=290

^{290}116	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian

A=291

^{291}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=292

^{292}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=293

^{293}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OG12	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. JOUR PRVCA 70 064609
	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
	2004OGZZ	RADIOACTIVITY ^{271}Sg, ^{275}Hs, ^{279}Ds, ^{282,283,285}112, ^{286,287,288,289}114, ^{292,293}116(α); ^{267}Rf, ^{271}Sg, ^{279,281}Ds, ^{284}112, ^{286}114(SF) [from ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, xn) and subsequent decay]; measured Eα, $T_{1/2}$. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian

A=294

^{294}116	2004OG12	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* ≈ 25-55 MeV; measured excitation functions. Comparison with model predictions. JOUR PRVCA 70 064609

A=294 ***(continued)***

	2004OGZZ	NUCLEAR REACTIONS ^{233,238}U, ^{242}Pu, ^{248}Cm(^{48}Ca, 2n), (^{48}Ca, 3n), (^{48}Ca, 4n), (^{48}Ca, 5n), E* $\approx$ 25-55 MeV; measured excitation functions. Comparison with model predictions. REPT JINR-E7-2004-160,Oganessian
^{294}118	2003OGZZ	NUCLEAR REACTIONS ^{249}Cf(^{48}Ca, 3n), E=245 MeV; measured Eα, fission fragment spectra following residual nucleus decay; deduced evidence for ^{294}118. Gas-filled recoil separator. REPT UCRL-ID-151619,Oganessian
	2003OGZZ	RADIOACTIVITY ^{294}118, ^{290}116(α), ^{286}114(α), (SF) [from ^{249}Cf(^{48}Ca, 3n) and subsequent decay]; measured Eα, $T_{1/2}$, fission fragment spectra. Comparison with model predictions. REPT UCRL-ID-151619,Oganessian

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